

Your Global Automation Partner

TURCK



Mercedes-Benz (July 2022) Release as per iMRM Version 7

Project Manual

Note

**NOTE**

A special release must be obtained for components not listed below, but which are to be used for technical reasons. Please speak to your responsible contact for these special releases of the specialist department at Mercedes-Benz AG.

The component data listed in this manual is not necessarily complete. This data is based on the latest catalog information of Hans Turck GmbH & Co. KG. Mercedes-Benz AG does not provide any guarantee for the content and accuracy of the information. This document is also continually updated as a result of technical innovations. The selection of the listed products is based on the data in the original specifications and material release lists of Mercedes-Benz AG. This is continually updated. The data in this document is therefore not always up-to-date. Hans Turck GmbH & Co. KG does not provide any guarantee for the content and accuracy of information provided in this manual. The material release lists for the ECM Portal Volume 2, chapter 200, are binding.

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Sensors

Inductive sensors

BI2U-EGT08-AP6X-H1341
ID 4602071

Inductive Sensor
With Extended Switching Distance

- Rated switching distance: 2 mm
- Mounting conditions: Flush
- Operating voltage: 10...30 VDC
- Output function: NO contact, PNP
- Switching frequency: 1 kHz
- Design: Threaded barrel, M8 × 1
- Dimensions: Ø 8 × 57 mm
- Housing material: Stainless steel, 1.4427 SO, PTFE-coated
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -30...+85 °C
- Protection class: IP68
- Special features: uprox+, Factor 1, Resistant to magnetic fields
- Further information: www.turck.de/en/products/4602071

BI3U-MT12-AP6X-H1141
ID 1634240

Inductive Sensor

- Rated switching distance: 3 mm
- Mounting conditions: Flush
- Operating voltage: 10...30 VDC
- Output function: NO contact, PNP
- Switching frequency: 3 kHz
- Design: Threaded barrel, M12 × 1
- Dimensions: Ø 12 × 52 mm
- Housing material: Metal, CuZn, PTFE-coated
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -30...+85 °C
- Protection class: IP68
- Special features: uprox+, Factor 1, Resistant to magnetic fields
- Further information: www.turck.de/en/products/1634240

BI5U-MT18-AP6X-H1141
ID 1635240

Inductive Sensor
Detection of Small and Fast Tube-guided Parts

- Rated switching distance: 5 mm
- Mounting conditions: Flush
- Operating voltage: 10...30 VDC
- Output function: NO contact, PNP
- Switching frequency: 1.5 kHz
- Design: Threaded barrel, M18 × 1
- Dimensions: Ø 18 × 52 mm
- Housing material: Metal, CuZn, PTFE-coated
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -30...+85 °C
- Protection class: IP68
- Special features: uprox+, Factor 1, Resistant to magnetic fields
- Further information: www.turck.de/en/products/1635240

BI10U-MT30-AP6X-H1141

ID 1636240



Inductive Sensor

With Extended Switching Distance

- Rated switching distance: 10 mm
- Mounting conditions: Flush
- Operating voltage: 10...30 VDC
- Output function: NO contact, PNP
- Switching frequency: 1 kHz
- Design: Threaded barrel, M30 × 1.5
- Dimensions: Ø 30 × 62 mm
- Housing material: Metal, CuZn, PTFE-coated
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -30...+85 °C
- Protection class: IP68
- Special features: uprox+, Factor 1, Resistant to magnetic fields
- Further information: www.turck.de/en/products/1636240

BI5U-Q08-AP6X2-0.6-RS4/S480-S481

ID 1608924



Inductive Sensor

With Increased Switching Distance

- Rated switching distance: 5 mm
- Mounting conditions: Flush
- Operating voltage: 10...30 VDC
- Output function: NO contact, PNP
- Switching frequency: 0.25 kHz
- Design: Rectangular
- Dimensions: 32 × 20 × 8 mm
- Housing material: Metal, Zamak, Nickel Plated
- Electrical connection: Cable with connector, M12 × 1
- Cable length: 0.6 m
- Cable jacket: Gray
- Ambient temperature: -30...+85 °C
- Protection class: IP68
- Special features: uprox+, Factor 1, Resistant to magnetic fields
- Further information: www.turck.de/en/products/1608924

BI7-Q08-VP6X2-0.3-RS4.4

ID 1600901



Inductive Sensor

With Increased Switching Distance

- Rated switching distance: 7 mm
- Mounting conditions: Flush
- Operating voltage: 10...30 VDC
- Output function: Complementary contact, PNP
- Switching frequency: 0.5 kHz
- Design: Rectangular
- Dimensions: 32 × 20 × 8 mm
- Housing material: Metal, Zamak, Nickel Plated
- Electrical connection: Cable with connector, M12 × 1
- Cable length: 0.3 m
- Cable jacket: Gray
- Ambient temperature: -25...+70 °C
- Protection class: IP68
- Further information: www.turck.de/en/products/1600901

BI20U-QV40-AP6X2-H1141

ID 1627245



Inductive Sensor

With Extended Switching Distance

- Rated switching distance: 20 mm
- Mounting conditions: Flush
- Operating voltage: 10...30 VDC
- Output function: NO contact, PNP
- Switching frequency: 0.25 kHz
- Design: Rectangular
- Dimensions: 65 × 40 × 40 mm
- Housing material: Plastic, PBT-GF30-V0, Black
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -30...+85 °C
- Protection class: IP68
- Special features: uprox+, Factor 1, Resistant to magnetic fields
- Further information: www.turck.de/en/products/1627245

BI30U-CK40-AP6X2-H1141

ID 1625829



Inductive Sensor

With Extended Switching Distance

- Rated switching distance: 30 mm
- Mounting conditions: Flush
- Operating voltage: 10...30 VDC
- Output function: NO contact, PNP
- Switching frequency: 0.25 kHz
- Design: Rectangular
- Dimensions: 65 × 40 × 40 mm
- Housing material: Plastic, PBT-GF20-V0, Black
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -10...+60 °C
- Protection class: IP68
- Special features: uprox+, Factor 1, Resistant to magnetic fields
- Further information: www.turck.de/en/products/1625829

NI40U-CK40-AP6X2-H1141

ID 1623641



Inductive Sensor

With Extended Switching Distance

- Rated switching distance: 40 mm
- Mounting conditions: Non-flush
- Operating voltage: 10...30 VDC
- Output function: NO contact, PNP
- Switching frequency: 0.25 kHz
- Design: Rectangular
- Dimensions: 65 × 40 × 40 mm
- Housing material: Plastic, PBT-GF20-V0, Black
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -30...+85 °C
- Protection class: IP68
- Special features: uprox+, Factor 1
- Further information: www.turck.de/en/products/1623641

BI50U-Q80-VP6X2-H1141

ID 1562007



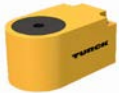
Inductive Sensor

With Extended Switching Distance

- Rated switching distance: 50 mm
- Mounting conditions: Flush
- Operating voltage: 10...30 VDC
- Output function: Complementary contact, PNP
- Switching frequency: 0.25 kHz
- Design: Rectangular
- Dimensions: 92 × 80 × 40 mm
- Housing material: Plastic, PBT-GF30-V0, Yellow
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -25...+70 °C
- Protection class: IP68
- Special features: uprox+, Factor 1, Resistant to magnetic fields
- Further information: www.turck.de/en/products/1562007

BI30R-W30-DAP6X-H1141

ID 14045



Inductive Sensor

Ring Sensor

- Inside ring diameter D: 30.1 mm
- Operating voltage: 10...30 VDC
- Output function: NO contact, PNP
- Switching frequency: 0.008 kHz
- Design: Ring sensor
- Dimensions: 60 × 35 × 30 mm
- Housing material: Plastic, PA12-GF30
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -25...+70 °C
- Protection class: IP67
- Special features: Ring sensor, dynamic output
- Further information: www.turck.de/en/products/14045

BI50R-Q80-AP6X2-H1141

ID 1407530



Inductive Sensor

Ring Sensor

- Inside ring diameter D: 50 mm
- Operating voltage: 10...30 VDC
- Output function: NO contact, PNP
- Switching frequency: 0.01 kHz
- Design: Ring sensor
- Dimensions: 92 × 80 × 40 mm
- Housing material: Plastic, PBT-GF30-V0
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -25...+70 °C
- Protection class: IP67
- Special features: Ring sensor, static output
- Further information: www.turck.de/en/products/1407530

NI20U-TS12-AP6X2-V1131

ID 1646640

**Inductive Sensor****Detection of Small and Fast Tube-guided Parts**

- Rated switching distance: 20 mm
 - Mounting conditions: Non-flush
 - Operating voltage: 10...30 VDC
 - Output function: NO contact, PNP
 - Switching frequency: 0.008 kHz
 - Design: Rectangular
 - Dimensions: 80 × 17 × 12 mm
 - Housing material: Plastic, PBT-GF30-V0
 - Electrical connection: Connector, M8 × 1
 - Ambient temperature: -25...+70 °C
 - Protection class: IP68
 - Special features: uprox+, Factor 1, Resistant to magnetic fields
 - Further information: www.turck.de/en/products/1646640
-

Inductive sensors – double sheet detection

NI5DS-EG30F-AP6X-H1141
ID 100003205

 Inductive Sensor – double sheet detection
 Stainless Steel Front

- Rated switching distance: 5 mm
- Mounting conditions: Non-flush
- Operating voltage: 10...30 VDC
- Output function: NO contact, PNP
- Switching frequency: 0.01 kHz
- Design: Threaded barrel, M30 × 1.5
- Dimensions: Ø 30 mm × 63.5 mm
- Housing material: Stainless steel, 1.4305 (AISI 303)
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -25...+70 °C
- Protection class: IP67
- Special features: All-metal sensor, Pressure resistant
- Further information: www.turck.de/en/products/100003205

NI5DS-EG30F-RP6X-H1141
ID 100029577

 Inductive Sensor – double sheet detection
 Stainless Steel Front

- Rated switching distance: 5 mm
- Mounting conditions: Non-flush
- Operating voltage: 10...30 VDC
- Output function: NC contact, PNP
- Switching frequency: 0.01 kHz
- Design: Threaded barrel, M30 × 1.5
- Dimensions: Ø 30 mm × 63.5 mm
- Housing material: Stainless steel, 1.4305 (AISI 303)
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -25...+70 °C
- Protection class: IP67
- Special features: All-metal sensor, Pressure resistant
- Further information: www.turck.de/en/products/100029577

Magnetic field sensors

BIM-NST-AP6X-H1141/S34

ID 4685401



- Magnetic Field Sensor
For Pneumatic Cylinders
Cylindrical design: T-groove cylinder, Dovetail cylinder, grooved, Profile cylinder
- Operating voltage: 10...30 VDC
 - Output function: NO contact, PNP
 - Switching frequency: 0.015 kHz
 - Design: Rectangular
 - Dimensions: 28 × 17 × 14 mm
 - Housing material: Plastic, PA12-GF30
 - Electrical connection: Connector, M12 × 1
 - Ambient temperature: -25...+70 °C
 - Protection class: IP67
 - Special features: Resistant to magnetic fields
 - Further information: www.turck.de/en/products/4685401

BIM-UNT-AP6X-0.3-RS4

ID 4685725



- Magnetic Field Sensor
For Pneumatic Cylinders
Cylindrical design: Dovetail cylinder, grooved, T-groove cylinder, Round cylinder, Tie-rod cylinder
- Operating voltage: 10...30 VDC
 - Output function: NO contact, PNP
 - Switching frequency: 1 kHz
 - Design: Rectangular
 - Dimensions: 28 × 5 × 6 mm
 - Housing material: Plastic, PP
 - Electrical connection: Cable with connector, M12 × 1
 - Cable length: 0.3 m
 - Cable jacket: Gray
 - Ambient temperature: -25...+70 °C
 - Protection class: IP68
 - Further information: www.turck.de/en/products/4685725

BIM-UNT-AP6X-0.3-RS4/S1160

ID 4685733



- Magnetic Field Sensor
Cylindrical design: Dovetail cylinder, grooved, T-groove cylinder, Round cylinder, Tie-rod cylinder
- Operating voltage: 10...30 VDC
 - Output function: NO contact, PNP
 - Switching frequency: 1 kHz
 - Design: Rectangular
 - Dimensions: 28 × 5 × 6 mm
 - Housing material: Plastic, PP
 - Electrical connection: Cable with connector, M12 × 1
 - Cable length: 0.3 m
 - Cable jacket: Gray
 - Ambient temperature: -25...+70 °C
 - Protection class: IP67
 - Further information: www.turck.de/en/products/4685733

BIM-UNR-AP6X-0.3-RS4

ID 4685833



- Magnetic Field Sensor
For Pneumatic Cylinders
Cylindrical design: C-groove cylinder
- Operating voltage: 11...30 VDC
 - Output function: NO contact, PNP
 - Switching frequency: 0.3 kHz
 - Design: Rectangular
 - Dimensions: 18 × 2.9 × 4.6 mm
 - Housing material: Plastic, PP
 - Electrical connection: Cable with connector, M12 × 1
 - Cable length: 0.3 m
 - Cable jacket: Gray
 - Ambient temperature: -25...+70 °C
 - Protection class: IP67
 - Further information: www.turck.de/en/products/4685833

NIMFE-EM12/4.0L61-UN6X-H1141/S1182

ID 1600622



- Magnetic Field Sensor
With TIN Coating
For Detection of Ferromagnetic Parts
- Optimized for the detection of weld nuts of the size of M5...M10
 - Operating voltage: 10...30 VDC
 - Output function: 3-wire, Connection programmable, NPN
 - Design: Threaded barrel, M12 × 1
 - Dimensions: 61 mm
 - Housing material: Stainless steel, 1.4301
 - Electrical connection: Male connector, M12 × 1
 - Ambient temperature: -25...+70 °C
 - Protection class: IP67
 - Further information: www.turck.de/en/products/1600622

NIMFE-EM12/4.6L88-UP6X-H1141/S1182

ID 1600620



- Magnetic Field Sensor
With TIN Coating
For Detection of Ferromagnetic Parts
- Optimized for the detection of weld nuts of the size of M5...M10
 - Operating voltage: 10...30 VDC
 - Output function: 3-wire, Connection programmable, PNP
 - Design: Threaded barrel, M12 × 1
 - Dimensions: 88 mm
 - Housing material: Stainless steel, 1.4301
 - Electrical connection: Male connector, M12 × 1
 - Ambient temperature: -25...+70 °C
 - Protection class: IP67
 - Further information: www.turck.de/en/products/1600620

NIMFE-M12/4.6L88- UP6X-H1141

ID 1600608

**Magnetic Field Sensor**

For Detection of Ferromagnetic Parts

- Operating voltage: 10...30 VDC
 - Output function: 3-wire, Connection programmable, PNP
 - Design: Threaded barrel, M12 and M8
 - Dimensions: 88 mm
 - Housing material: Chrome-plated brass
 - Electrical connection: Male connector, M12 × 1
 - Ambient temperature: -25...+70 °C
 - Protection class: IP67
 - Further information: www.turck.de/en/products/1600608
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Pressure sensors

PS250R-501-LI2UPN8X-H1141
ID 6832228


- Pressure Transmitter (Rotatable)
 With Analog Output and PNP/NPN Transistor Switching Output
 Output 2 Reprogrammable as Switching Output
- Pressure type: Relative pressure
 - Pressure range bar: 0...250 bar
 - Pressure range psi: 0...3625.95 psi
 - Operating voltage: 18...30 VDC
 - Electrical output: Current output (3-wire), 2 × switching output
 - Output function: NO/NC, PNP/NPN
 - Voltage output: 0...10 V
 - Current output: 4...20 mA
 - Communication protocol: IO-Link
 - Design: With display
 - Housing material: Stainless-steel/Plastic, 1.4305 (AISI 303)
 - Pressure transducer material: Ceramics Al₂O₃
 - Process connection: G 1/4" female thread
 - Electrical connection: Connector, M12 × 1
 - Medium temperature: -40...+85 °C
 - Ambient temperature: -40...+80 °C
 - Storage temperature: -40...+80 °C
 - Protection class: IP67, IP69K
 - Approvals: cULus
 - Further information: www.turck.de/en/products/6832228

PS003V-501-LI2UPN8X-H1141
ID 6832804


- Pressure Transmitter (Rotatable)
 With Analog Output and PNP/NPN Transistor Switching Output
 Output 2 Reprogrammable as Switching Output
- Pressure type: Relative pressure
 - Pressure range bar: -1...2.5 bar
 - Pressure range psi: -14.5...36.26 psi
 - Operating voltage: 18...30 VDC
 - Electrical output: Current output (3-wire), 2 × switching output
 - Output function: NO/NC, PNP/NPN
 - Voltage output: 0...10 V
 - Current output: 4...20 mA
 - Communication protocol: IO-Link
 - Design: With display
 - Housing material: Stainless-steel/Plastic, 1.4305 (AISI 303)
 - Pressure transducer material: Ceramics Al₂O₃
 - Process connection: G 1/4" female thread
 - Electrical connection: Connector, M12 × 1
 - Medium temperature: -40...+85 °C
 - Ambient temperature: -40...+80 °C
 - Storage temperature: -40...+80 °C
 - Protection class: IP67, IP69K
 - Approvals: cULus
 - Further information: www.turck.de/en/products/6832804

PS010V-501-LI2UPN8X-H1141

ID 6832805



- Pressure Transmitter (Rotatable)
 With Analog Output and PNP/NPN Transistor Switching Output
 Output 2 Reprogrammable as Switching Output
- Pressure type: Relative pressure
 - Pressure range bar: -1...10 bar
 - Pressure range psi: -14.5...145.04 psi
 - Operating voltage: 18...30 VDC
 - Electrical output: Current output (3-wire), 2 × switching output
 - Output function: NO/NC, PNP/NPN
 - Voltage output: 0...10 V
 - Current output: 4...20 mA
 - Communication protocol: IO-Link
 - Design: With display
 - Housing material: Stainless-steel/Plastic, 1.4305 (AISI 303)
 - Pressure transducer material: Ceramics Al₂O₃
 - Process connection: G 1/4" female thread
 - Electrical connection: Connector, M12 × 1
 - Medium temperature: -40...+85 °C
 - Ambient temperature: -40...+80 °C
 - Storage temperature: -40...+80 °C
 - Protection class: IP67, IP69K
 - Approvals: cULus
 - Further information: www.turck.de/en/products/6832805

PS025V-501-LI2UPN8X-H1141

ID 6832807



- Pressure Transmitter (Rotatable)
 With Analog Output and PNP/NPN Transistor Switching Output
 Output 2 Reprogrammable as Switching Output
- Pressure type: Relative pressure
 - Pressure range bar: -1...25 bar
 - Pressure range psi: -14.5...362.6 psi
 - Operating voltage: 18...30 VDC
 - Electrical output: Current output (3-wire), 2 × switching output
 - Output function: NO/NC, PNP/NPN
 - Voltage output: 0...10 V
 - Current output: 4...20 mA
 - Communication protocol: IO-Link
 - Design: With display
 - Housing material: Stainless-steel/Plastic, 1.4305 (AISI 303)
 - Pressure transducer material: Ceramics Al₂O₃
 - Process connection: G 1/4" female thread
 - Electrical connection: Connector, M12 × 1
 - Medium temperature: -40...+85 °C
 - Ambient temperature: -40...+80 °C
 - Storage temperature: -40...+80 °C
 - Protection class: IP67, IP69K
 - Approvals: cULus
 - Further information: www.turck.de/en/products/6832807

Temperature sensors

TS-500-LI2UPN8X-H1141

ID 6840015



- Temperature Detection
 With Current Output and PNP/NPN Transistor Switching Output
 Output 2 Reprogrammable as Switching Output
- Measuring range: -50...500 °C
 - Operating voltage: 18...30 VDC
 - Electrical output: Current output (3-wire), Switching output
 - Output function: NO/NC programmable, PNP/NPN
 - Current output: 4...20 mA
 - Communication protocol: IO-Link
 - Design: With display (external probe)
 - Housing material: Stainless-steel/Plastic, 1.4305 (AISI 303)
 - Process connection: Cylindrical, Ø 18 mm
 - Electrical connection: Connector, M12 × 1
 - Ambient temperature: -40...+80 °C
 - Storage temperature: -40...+80 °C
 - Protection class: IP67
 - Further information: www.turck.de/en/products/6840015

TP-203 A-CF-H1141-L100

ID 9910402



- Temperature Detection
 Probe
- Measuring range: -50...500 °C
 - Immersion depth (L): 100 mm
 - Mounting conditions: Immersion sensor
 - Electrical output: Resistance
 - Design: Temperature probe
 - Housing material: Stainless steel, 1.4404 (AISI 316L)
 - Process connection: For compression fittings, thermowell or direct mounting
 - Electrical connection: Connector, M12 × 1
 - Ambient temperature: -40...+85
 - Storage temperature: -40...+85 °C
 - Pressure resistance: 100 bar
 - Protection class: IP67
 - Further information: www.turck.de/en/products/9910402

TP-104 A-G1/4-H1141-L035

ID 9910527



- Temperature Detection
 Probe
- Measuring range: -40...120 °C
 - Immersion depth (L): 35 mm
 - Mounting conditions: Immersion sensor
 - Electrical output: Resistance
 - Design: Temperature probe
 - Housing material: Stainless steel, 1.4404 (AISI 316L)
 - Process connection: G 1/4" male thread
 - Electrical connection: Connector, M12 × 1
 - Ambient temperature: -40...+120 °C
 - Storage temperature: -50...+105 °C
 - Pressure resistance: 120 bar
 - Protection class: IP67
 - Further information: www.turck.de/en/products/9910527

Accessories

UNT-STOPPER **ID 4685751**



- Accessories
- Switching Point Lock
- For T-Groove Cylinders
- Design: Accessories
- Dimensions: 18.5 × 6.4 × 3.5 mm
- Housing material: Plastic
- Further information: www.turck.de/en/products/4685751

MW-12 **ID 6945003**



- Accessories
- Mounting bracket
- Design: Accessories for threaded barrel
- Dimensions: 34.8 × 38.1 × 38.1 mm
- Housing material: Metal, 1.4301 (AISI 304)
- Further information: www.turck.de/en/products/6945003

MW-18 **ID 6945004**



- Accessories
- Mounting bracket
- Design: Accessories for threaded barrel
- Dimensions: 44.5 × 34.8 × 50.8 mm
- Housing material: Metal, 1.4301 (AISI 304)
- Further information: www.turck.de/en/products/6945004

MW-30 **ID 6945005**



- Accessories
- Mounting bracket
- Design: Accessories for threaded barrel
- Dimensions: 44.5 × 57.2 × 63.5 mm
- Housing material: Metal, 1.4301 (AISI 304)
- Further information: www.turck.de/en/products/6945005

Connectivity

Inductive couplers

NICS-EM30-IOL-HK1141

ID 100018259



Inductive coupler

Secondary Side

- Mounting conditions: Non-flush
- Design: Threaded barrel, M30 × 1.5
- Dimensions: Ø 30 × 86 mm
- Housing material: Stainless steel, 1.4404 (AISI 316L)
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -25...+55 °C
- Protection class: IP67, IP68
- Further information: www.turck.de/en/products/100018259

NICP-EM30-IOL-H1141

ID 100018258



Inductive coupler

Primary Side

- Mounting conditions: Non-flush
- Output function: PNP/NPN
- Communication protocol: IO-Link
- Design: Threaded barrel, M30 × 1.5
- Dimensions: Ø 30 × 86 mm
- Housing material: Stainless steel, 1.4404 (AISI 316L)
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -25...+55 °C
- Protection class: IP67, IP68
- Further information: www.turck.de/en/products/100018258

Cables and flanges

RKC4.4T-*/TXL

ID various



Actuator and Sensor Cable, PUR
Connection Cable

- Connector A: Female, M12 × 1, Straight, A-coded
- Number of Pins: 4
- Connector body: Plastic, TPU, Black
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Voltage: 250 V
- Current: 4 A
- Cable diameter: Ø 4.7 mm
- Cable length: * m
- Cable jacket: PUR, Black
- Core cross-section: 4 × 0.34 mm²
- Ambient temperature: -25...+80 °C
- Storage temperature: -50...+80 °C
- Protection class: IP67, IP69K
- Approvals: cULus

* Cable length	ID	Further information
2 m	6625503	www.turck.de/en/products/6625503
5 m	6625504	www.turck.de/en/products/6625504
10 m	6625505	www.turck.de/en/products/6625505

WKC4.4T-*/TXL

ID various



Actuator and Sensor Cable, PUR
Connection Cable

- Connector A: Female, M12 × 1, Angled, A-coded
- Number of Pins: 4
- Connector body: Plastic, TPU, Black
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Voltage: 250 V
- Current: 4 A
- Cable diameter: Ø 4.7 mm
- Cable length: * m
- Cable jacket: PUR, Black
- Core cross-section: 4 × 0.34 mm²
- Ambient temperature: -25...+80 °C
- Storage temperature: -50...+80 °C
- Protection class: IP67, IP69K
- Approvals: cULus

* Cable length	ID	Further information
2 m	6625515	www.turck.de/en/products/6625515
5 m	6625516	www.turck.de/en/products/6625516
10 m	6625517	www.turck.de/en/products/6625517

RKC4.4T*-RSC4.4T/TXL

ID various



Actuator and Sensor Cable, PUR

Extension Cable

- Connector A: Female, M12 × 1, Straight, A-coded
- Number of Pins: 4
- Connector body: Plastic, TPU, Black
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Connector B: Male, M12 × 1, Straight, A-coded
- Number of pins: 4
- Connector body: Plastic, TPU, Black
- Coupling nut/retaining screw: Brass, CuZn, Nickel-plated
- Voltage: 250 V
- Current: 4 A
- Cable diameter: Ø 4.7 mm
- Cable length: * m
- Cable jacket: PUR, Black
- Core cross-section: 4 × 0.34 mm²
- Ambient temperature: -25...+80 °C
- Storage temperature: -50...+80 °C
- Protection class: IP67, IP69K
- Approvals: cULus

*Cable length	ID	Further information
0.6 m	6625606	www.turck.de/en/products/6625606
1 m	6625607	www.turck.de/en/products/6625607
2 m	6625608	www.turck.de/en/products/6625608
5 m	6625731	www.turck.de/en/products/6625731



Actuator and Sensor Cable, PUR
Extension Cable

- Connector A: Female, M12 × 1, Angled, A-coded
- Number of Pins: 4
- Connector body: Plastic, TPU, Translucent
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Display operating voltage: LED, Green
- Display switch state : LED, Yellow/White
- Connector B: Male, M12 × 1, Straight, A-coded
- Number of pins: 4
- Connector body: Plastic, TPU, Black
- Coupling nut/retaining screw: Brass, CuZn, Nickel-plated
- Current: 4 A
- Cable diameter: Ø 4.7 mm
- Cable length: 0.3 m
- Cable jacket: PUR, Black
- Core cross-section: 4 × 0.34 mm²
- Ambient temperature: -25...+80 °C
- Storage temperature: -50...+80 °C
- Protection class: IP67, IP69K
- Approvals: cULus

* Cable length	ID	Further information
0.3 m	6626022	www.turck.de/en/products/6626022
0.6 m	6626028	www.turck.de/en/products/6626028
1 m	6626034	www.turck.de/en/products/6626034
1.5 m	6626038	www.turck.de/en/products/6626038
2 m	6626041	www.turck.de/en/products/6626041
5 m	6625958	www.turck.de/en/products/6625958
7.5 m	6631795	www.turck.de/en/products/6631795
10 m	6625966	www.turck.de/en/products/6625966

PKW3M-0.3-RSC4T/TXL

ID 6626734



Actuator and Sensor Cable, PUR
Extension Cable

- Connector A: Female, M8 × 1, Angled
- Number of Pins: 3
- Connector body: Plastic, TPU, Black
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Connector B: Male, M12 × 1, Straight, A-coded
- Number of pins: 3
- Connector body: Plastic, TPU, Black
- Coupling nut/retaining screw: Brass, CuZn, Nickel-plated
- Current: 4 A
- Cable diameter: Ø 4.3 mm
- Cable length: 0.3 m
- Cable jacket: PUR, Black
- Core cross-section: 3 × 0.34 mm²
- Ambient temperature: -25...+80 °C
- Storage temperature: -50...+80 °C
- Protection class: IP67, IP69K
- Approvals: cULus
- Further information: www.turck.de/en/products/6626734

PKW4M-0.3-RSC4.4T/TXL

ID 6626642



Actuator and Sensor Cable, PUR
Extension Cable

- Connector A: Female, M8 × 1, Angled
- Number of Pins: 4
- Connector body: Plastic, TPU, Black
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Connector B: Male, M12 × 1, Straight, A-coded
- Number of pins: 4
- Connector body: Plastic, TPU, Black
- Coupling nut/retaining screw: Brass, CuZn, Nickel-plated
- Current: 4 A
- Cable diameter: Ø 4.7 mm
- Cable length: 0.3 m
- Cable jacket: PUR, Black
- Core cross-section: 4 × 0.34 mm²
- Ambient temperature: -25...+80 °C
- Storage temperature: -50...+80 °C
- Protection class: IP67, IP69K
- Approvals: cULus
- Further information: www.turck.de/en/products/6626642

PKG3M-0.3-RSC4T/TXL

ID 6627099



Actuator and Sensor Cable, PUR
Extension Cable

- Connector A: Female, M8 × 1, Straight
- Number of Pins: 3
- Connector body: Plastic, TPU, Black
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Connector B: Male, M12 × 1, Straight, A-coded
- Number of pins: 3
- Connector body: Plastic, TPU, Black
- Coupling nut/retaining screw: Brass, CuZn, Nickel-plated
- Current: 4 A
- Cable diameter: Ø 4.3 mm
- Cable length: 0.3 m
- Cable jacket: PUR, Black
- Core cross-section: 3 × 0.34 mm²
- Ambient temperature: -25...+80 °C
- Storage temperature: -50...+80 °C
- Protection class: IP67, IP69K
- Approvals: cULus
- Further information: www.turck.de/en/products/6627099

PKG4M-0.3-RSC4.4T/TXL

ID 6627046



Actuator and Sensor Cable, PUR
Extension Cable

- Connector A: Female, M8 × 1, Straight
- Number of Pins: 4
- Connector body: Plastic, TPU, Black
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Connector B: Male, M12 × 1, Straight, A-coded
- Number of pins: 4
- Connector body: Plastic, TPU, Black
- Coupling nut/retaining screw: Brass, CuZn, Nickel-plated
- Current: 4 A
- Cable diameter: Ø 4.7 mm
- Cable length: 0.3 m
- Cable jacket: PUR, Black
- Core cross-section: 4 × 0.34 mm²
- Ambient temperature: -25...+80 °C
- Storage temperature: -50...+80 °C
- Protection class: IP67, IP69K
- Approvals: cULus
- Further information: www.turck.de/en/products/6627046

RKC5T-P7X2-*-RSC5T/TXL

ID various



- Actuator and Sensor Cable, PUR
Extension Cable
- Connector A: Female, M12 × 1, Straight, A-coded
 - Number of Pins: 4+PE
 - Connector body: Plastic, TPU, Translucent
 - Coupling nut/screw: Brass, CuZn, Nickel-plated
 - Display operating voltage: LED, Green
 - Display switch state : LED, Yellow
 - Connector B: Male, M12 × 1, Straight, A-coded
 - Number of pins: 4+PE
 - Connector body: Plastic, TPU, Black
 - Coupling nut/retaining screw: Brass, CuZn, Nickel-plated
 - Current: 4 A
 - Cable diameter: Ø 5.5 mm
 - Cable length: * m
 - Cable jacket: PUR, Black
 - Core cross-section: 5 × 0.34 mm²
 - Ambient temperature: -25...+80 °C
 - Storage temperature: -50...+80 °C
 - Protection class: IP67, IP69K
 - Approvals: CE, UKCA

* Cable length	ID	Further information
0.6 m	6627216	www.turck.de/en/products/6627216
1 m	6627217	www.turck.de/en/products/6627217
2 m	6627218	www.turck.de/en/products/6627218

EC-FK4.5-0.5/16

ID 6934600



- Accessories for actuator/sensor cables
Male flange with strands, front-mounted
- Connector A: Female, M12 × 1, Straight, A-coded
 - Number of Pins: 5
 - Flange housing: Brass, CuZn, Nickel-plated
 - Mounting type: front panel mounting
 - Connection mode: Wire connection
 - Screw-in thread: M16 × 1.5
 - Voltage: 60 V
 - Current: 4 A
 - Cable length: 0.5 m
 - Core cross-section: 5 × 0.34 mm²
 - Storage temperature: -30...+90 °C
 - Protection class: IP67
 - Approvals: CE
 - Further information: www.turck.de/en/products/6934600

EC-FS4.5-0.5/16

ID 6934617



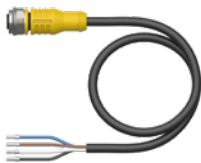
Accessories for actuator/sensor cables

Male flange with strands, front-mounted

- Connector A: Male, M12 × 1, Straight, A-coded
- Number of Pins: 5
- Flange housing: Brass, CuZn, Nickel-plated
- Mounting type: front panel mounting
- Connection mode: Wire connection
- Screw-in thread: M16 × 1.5
- Voltage: 60 V
- Current: 4 A
- Cable length: 0.5 m
- Core cross-section: 5 × 0.34 mm²
- Storage temperature: -30...+90 °C
- Protection class: IP67
- Approvals: CE
- Further information: www.turck.de/en/products/6934617

RKC4.4T-2/TXL3013

ID 6630904



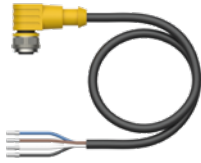
Actuator and Sensor Cable, PUR

Connection Cable

- Connector A: Female, M12 × 1, Straight, A-coded
- Number of Pins: 4
- Connector body: Plastic, TPU, Yellow
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Voltage: 250 V
- Current: 4 A
- Cable diameter: Ø 4.7 mm
- Cable length: 2 m
- Cable jacket: PUR, Black
- Core cross-section: 4 × 0.34 mm²
- Ambient temperature: -25...+80 °C
- Storage temperature: -50...+80 °C
- Protection class: IP67, IP69K
- Approvals: cULus
- Further information: www.turck.de/en/products/6630904

WKC4.4T-*/TXL3013

ID various



- Actuator and Sensor Cable, PUR
Connection Cable
- Connector A: Female, M12 × 1, Angled, A-coded
 - Number of Pins: 4
 - Connector body: Plastic, TPU, Yellow
 - Coupling nut/screw: Brass, CuZn, Nickel-plated
 - Voltage: 250 V
 - Current: 4 A
 - Cable diameter: Ø 4.7 mm
 - Cable length: * m
 - Cable jacket: PUR, Black
 - Core cross-section: 4 × 0.34 mm²
 - Ambient temperature: -25...+80 °C
 - Storage temperature: -50...+80 °C
 - Protection class: IP67, IP69K
 - Approvals: cULus

* Cable length	ID	Further information
2 m	6630905	www.turck.de/en/products/6630905
5 m	6631201	www.turck.de/en/products/6631201
10 m	6631202	www.turck.de/en/products/6631202

RSC4.4T-*/TXL3013

ID various

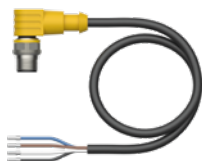


- Actuator and Sensor Cable, PUR
Connection Cable
- Connector A: Male, M12 × 1, Straight, A-coded
 - Number of Pins: 4
 - Connector body: Plastic, TPU, Yellow
 - Coupling nut/screw: Brass, CuZn, Nickel-plated
 - Voltage: 250 V
 - Current: 4 A
 - Cable diameter: Ø 4.7 mm
 - Cable length: * m
 - Cable jacket: PUR, Black
 - Core cross-section: 4 × 0.34 mm²
 - Ambient temperature: -25...+80 °C
 - Storage temperature: -50...+80 °C
 - Protection class: IP67, IP69K
 - Approvals: cULus

* Cable length	ID	Further information
2 m	6630906	www.turck.de/en/products/6630906
5 m	6631199	www.turck.de/en/products/6631199
10 m	6631200	www.turck.de/en/products/6631200

WSC4.4T-*/TXL3013

ID various



- Actuator and Sensor Cable, PUR
Connection Cable
- Connector A: Male, M12 × 1, Angled, A-coded
 - Number of Pins: 4
 - Connector body: Plastic, TPU, Yellow
 - Coupling nut/screw: Brass, CuZn, Nickel-plated
 - Voltage: 250 V
 - Current: 4 A
 - Cable diameter: Ø 4.7 mm
 - Cable length: * m
 - Cable jacket: PUR, Black
 - Core cross-section: 4 × 0.34 mm²
 - Ambient temperature: -25...+80 °C
 - Storage temperature: -50...+80 °C
 - Protection class: IP67, IP69K
 - Approvals: cULus

* Cable length	ID	Further information
2 m	6630907	www.turck.de/en/products/6630907
5 m	6631197	www.turck.de/en/products/6631197
10 m	6631198	www.turck.de/en/products/6631198

RKC4.5T-*/TXY3013

ID various

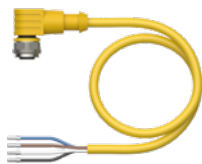


- Actuator and Sensor Cable, PUR
Connection Cable
- Connector A: Female, M12 × 1, Straight, A-coded
 - Number of Pins: 5
 - Connector body: Plastic, TPU, Yellow
 - Coupling nut/screw: Brass, CuZn, Nickel-plated
 - Voltage: 60 V
 - Current: 4 A
 - Cable diameter: Ø 5.5 mm
 - Cable length: * m
 - Cable jacket: PUR, Yellow
 - Core cross-section: 5 × 0.34 mm²
 - Ambient temperature: -25...+80 °C
 - Storage temperature: -50...+80 °C
 - Protection class: IP67, IP69K
 - Approvals: cULus

* Cable length	ID	Further information
2 m	6630910	www.turck.de/en/products/6630910
5 m	6631195	www.turck.de/en/products/6631195
10 m	6631196	www.turck.de/en/products/6631196

WKC4.5T-*/TXY3013

ID various

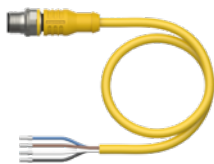


- Actuator and Sensor Cable, PUR
Connection Cable
- Connector A: Female, M12 × 1, Angled, A-coded
 - Number of Pins: 5
 - Connector body: Plastic, TPU, Yellow
 - Coupling nut/screw: Brass, CuZn, Nickel-plated
 - Voltage: 60 V
 - Current: 4 A
 - Cable diameter: Ø 5.5 mm
 - Cable length: * m
 - Cable jacket: PUR, Yellow
 - Core cross-section: 5 × 0.34 mm²
 - Ambient temperature: -25...+80 °C
 - Storage temperature: -50...+80 °C
 - Protection class: IP67, IP69K
 - Approvals: cULus

* Cable length	ID	Further information
2 m	6630911	www.turck.de/en/products/6630911
5 m	6631193	www.turck.de/en/products/6631193
10 m	6631194	www.turck.de/en/products/6631194

RSC4.5T-*/TXY3013

ID various

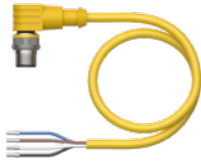


- Actuator and Sensor Cable, PUR
Connection Cable
- Connector A: Male, M12 × 1, Straight, A-coded
 - Number of Pins: 5
 - Connector body: Plastic, TPU, Yellow
 - Coupling nut/screw: Brass, CuZn, Nickel-plated
 - Voltage: 60 V
 - Current: 4 A
 - Cable diameter: Ø 5.5 mm
 - Cable length: * m
 - Cable jacket: PUR, Yellow
 - Core cross-section: 5 × 0.34 mm²
 - Ambient temperature: -25...+80 °C
 - Storage temperature: -50...+80 °C
 - Protection class: IP67, IP69K
 - Approvals: cULus

* Cable length	ID	Further information
2 m	6630912	www.turck.de/en/products/6630912
5 m	6631191	www.turck.de/en/products/6631191
10 m	6631192	www.turck.de/en/products/6631192

WSC4.5T-*/TXY3013

ID various



Actuator and Sensor Cable, PUR
Connection Cable

- Connector A: Male, M12 × 1, Angled, A-coded
- Number of Pins: 5
- Connector body: Plastic, TPU, Yellow
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Voltage: 60 V
- Current: 4 A
- Cable diameter: Ø 5.5 mm
- Cable length: * m
- Cable jacket: PUR, Yellow
- Core cross-section: 5 × 0.34 mm²
- Ambient temperature: -25...+80 °C
- Storage temperature: -50...+80 °C
- Protection class: IP67, IP69K
- Approvals: cULus

* Leitungslänge	ID	Further information
2 m	6630913	www.turck.de/en/products/6630913
5 m	6631189	www.turck.de/en/products/6631189
10 m	6631190	www.turck.de/en/products/6631190



Actuator and Sensor Cable, PUR
Extension Cable

- Connector A: Female, M12 × 1, Straight, A-coded
- Number of Pins: 4
- Connector body: Plastic, TPU, Yellow
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Connector B: Male, M12 × 1, Straight, A-coded
- Number of pins: 4
- Connector body: Plastic, TPU, Yellow
- Coupling nut/retaining screw: Brass, CuZn, Nickel-plated
- Voltage: 250 V
- Current: 4 A
- Cable diameter: Ø 4.7 mm
- Cable length: * m
- Cable jacket: PUR, Black
- Core cross-section: 4 × 0.34 mm²
- Ambient temperature: -25...+80 °C
- Storage temperature: -50...+80 °C
- Protection class: IP67, IP69K
- Approvals: cULus

* Cable length	ID	Further information
0.3 m	6630916	www.turck.de/en/products/6630916
0.6 m	6630917	www.turck.de/en/products/6630917
1 m	6630918	www.turck.de/en/products/6630918
1.5 m	6630920	www.turck.de/en/products/6630920
2 m	6630908	www.turck.de/en/products/6630908
3 m	6630921	www.turck.de/en/products/6630921
5 m	6630922	www.turck.de/en/products/6630922
10 m	6630923	www.turck.de/en/products/6630923
15 m	6630924	www.turck.de/en/products/6630924



Actuator and Sensor Cable, PUR
Extension Cable

- Connector A: Female, M12 × 1, Angled, A-coded
- Number of Pins: 4
- Connector body: Plastic, TPU, Yellow
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Connector B: Male, M12 × 1, Straight, A-coded
- Number of pins: 4
- Connector body: Plastic, TPU, Yellow
- Coupling nut/retaining screw: Brass, CuZn, Nickel-plated
- Voltage: 250 V
- Current: 4 A
- Cable diameter: Ø 4.7 mm
- Cable length: * m
- Cable jacket: PUR, Black
- Core cross-section: 4 × 0.34 mm²
- Ambient temperature: -25...+80 °C
- Storage temperature: -50...+80 °C
- Protection class: IP67, IP69K
- Approvals: cULus

* Cable length	ID	Further information
0.3 m	6630925	www.turck.de/en/products/6630925
0.6 m	6630926	www.turck.de/en/products/6630926
1 m	6630927	www.turck.de/en/products/6630927
1.5 m	6630928	www.turck.de/en/products/6630928
2 m	6630909	www.turck.de/en/products/6630909
3 m	6630929	www.turck.de/en/products/6630929
5 m	6630930	www.turck.de/en/products/6630930
10 m	6630931	www.turck.de/en/products/6630931
15 m	6630932	www.turck.de/en/products/6630932

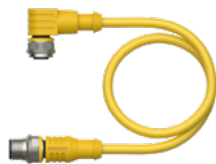


Actuator and Sensor Cable, PUR

Extension Cable

- Connector A: Female, M12 × 1, Straight, A-coded
- Number of Pins: 5
- Connector body: Plastic, TPU, Yellow
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Connector B: Male, M12 × 1, Straight, A-coded
- Number of pins: 5
- Connector body: Plastic, TPU, Yellow
- Coupling nut/retaining screw: Brass, CuZn, Nickel-plated
- Voltage: 60 V
- Current: 4 A
- Cable diameter: Ø 5.5 mm
- Cable length: * m
- Cable jacket: PUR, Yellow
- Core cross-section: 5 × 0.34 mm²
- Ambient temperature: -25...+80 °C
- Storage temperature: -50...+80 °C
- Protection class: IP67, IP69K
- Approvals: cULus

* Cable length	ID	Further information
0.3 m	6630933	www.turck.de/en/products/6630933
0.6 m	6630934	www.turck.de/en/products/6630934
1 m	6630935	www.turck.de/en/products/6630935
1.5 m	6630936	www.turck.de/en/products/6630936
2 m	6630914	www.turck.de/en/products/6630914
3 m	6630937	www.turck.de/en/products/6630937
5 m	6630938	www.turck.de/en/products/6630938
10 m	6630939	www.turck.de/en/products/6630939
15 m	6630940	www.turck.de/en/products/6630940



Actuator and Sensor Cable, PUR

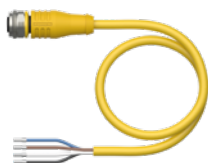
Extension Cable

- Connector A: Female, M12 × 1, Angled, A-coded
- Number of Pins: 5
- Connector body: Plastic, TPU, Yellow
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Connector B: Male, M12 × 1, Straight, A-coded
- Number of pins: 5
- Connector body: Plastic, TPU, Yellow
- Coupling nut/retaining screw: Brass, CuZn, Nickel-plated
- Voltage: 60 V
- Current: 4 A
- Cable diameter: Ø 5.5 mm
- Cable length: * m
- Cable jacket: PUR, Yellow
- Core cross-section: 5 × 0.34 mm²
- Ambient temperature: -25...+80 °C
- Storage temperature: -50...+80 °C
- Protection class: IP67, IP69K
- Approvals: cULus

* Cable length	ID	Further information
0.3 m	6630941	www.turck.de/en/products/6630941
0.6 m	6630942	www.turck.de/en/products/6630942
1 m	6630943	www.turck.de/en/products/6630943
1.5 m	6630944	www.turck.de/en/products/6630944
2 m	6630915	www.turck.de/en/products/6630915
3 m	6630945	www.turck.de/en/products/6630945
5 m	6630946	www.turck.de/en/products/6630946
10 m	6630947	www.turck.de/en/products/6630947
15 m	6630948	www.turck.de/en/products/6630948

RKS4.5T-*/TXY3013

ID various

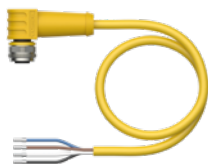


- Actuator and Sensor Cable, PUR
Connection Cable
- Connector A: Female, M12 × 1, Straight, A-coded
 - Number of Pins: 5
 - Connector body: Plastic, TPU, Yellow
 - Coupling nut/screw: Brass, CuZn, Nickel-plated
 - Voltage: 60 V
 - Current: 4 A
 - Cable diameter: Ø 5.7 mm
 - Cable length: * m
 - Cable jacket: PUR, Yellow
 - Core cross-section: 5 × 0.34 mm²
 - Shielding: Aluminum foil, tinned copper wire
 - Ambient temperature: -25...+80 °C
 - Storage temperature: -50...+80 °C
 - Protection class: IP67, IP69K
- Approvals: cULus

* Cable length	ID	Further information
2 m	6631077	www.turck.de/en/products/6631077
5 m	6631078	www.turck.de/en/products/6631078

WKS4.5T-5/TXY3013

ID 6631079



- Actuator and Sensor Cable, PUR
Connection Cable
- Connector A: Female, M12 × 1, Angled, A-coded
 - Number of Pins: 5
 - Connector body: Plastic, TPU, Yellow
 - Coupling nut/screw: Brass, CuZn, Nickel-plated
 - Voltage: 60 V
 - Current: 4 A
 - Cable diameter: Ø 5.7 mm
 - Cable length: 5 m
 - Cable jacket: PUR, Yellow
 - Core cross-section: 5 × 0.34 mm²
 - Shielding: Aluminum foil, tinned copper wire
 - Ambient temperature: -25...+80 °C
 - Storage temperature: -50...+80 °C
 - Protection class: IP67, IP69K
 - Approvals: cULus
 - Further information: www.turck.de/en/products/6631079



Actuator and Sensor Cable, PUR

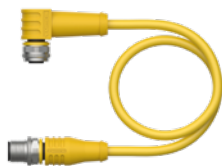
Extension Cable

- Connector A: Female, M12 × 1, Straight, A-coded
- Number of Pins: 5
- Connector body: Plastic, TPU, Yellow
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Connector B: Male, M12 × 1, Straight, A-coded
- Number of pins: 5
- Connector body: Plastic, TPU, Yellow
- Coupling nut/retaining screw: Brass, CuZn, Nickel-plated
- Voltage: 60 V
- Current: 4 A
- Cable diameter: Ø 5.7 mm
- Cable length: * m
- Cable jacket: PUR, Yellow
- Core cross-section: 5 × 0.34 mm²
- Shielding: Aluminum foil, tinned copper wire
- Ambient temperature: -25...+80 °C
- Storage temperature: -50...+80 °C
- Protection class: IP67, IP69K
- Approvals: cULus

* Cable length	ID	Further information
0.3 m	6631080	www.turck.de/en/products/6631080
0.6 m	6631081	www.turck.de/en/products/6631081
1.5 m	6631082	www.turck.de/en/products/6631082
2 m	6631083	www.turck.de/en/products/6631083
3 m	6631084	www.turck.de/en/products/6631084
5 m	6631085	www.turck.de/en/products/6631085
10 m	6631086	www.turck.de/en/products/6631086
15 m	6631087	www.turck.de/en/products/6631087

WKS4.5T-* -RSS4.5T/TXY3013

ID various



Actuator and Sensor Cable, PUR

Extension Cable

- Connector A: Female, M12 × 1, Angled, A-coded
- Number of Pins: 5
- Connector body: Plastic, TPU, Yellow
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Connector B: Male, M12 × 1, Straight, A-coded
- Number of pins: 5
- Connector body: Plastic, TPU, Yellow
- Coupling nut/retaining screw: Brass, CuZn, Nickel-plated
- Voltage: 60 V
- Current: 4 A
- Cable diameter: Ø 5.7 mm
- Cable length: * m
- Cable jacket: PUR, Yellow
- Core cross-section: 5 × 0.34 mm²
- Shielding: Aluminum foil, tinned copper wire
- Ambient temperature: -25...+80 °C
- Storage temperature: -50...+80 °C
- Protection class: IP67, IP69K
- Approvals: cULus

* Cable length	ID	Further information
0.3 m	6631088	www.turck.de/en/products/6631088
0.6 m	6631089	www.turck.de/en/products/6631089
1.5 m	6631090	www.turck.de/en/products/6631090
2 m	6631091	www.turck.de/en/products/6631091
3 m	6631092	www.turck.de/en/products/6631092
5 m	6631093	www.turck.de/en/products/6631093
10 m	6631094	www.turck.de/en/products/6631094
15 m	6631095	www.turck.de/en/products/6631095



Actuator and Sensor Cable, PUR
Extension Cable

- Connector A: Female, M12 × 1, Straight, A-coded
- Number of Pins: 8
- Connector body: Plastic, TPU, Black
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Connector B: Male, M12 × 1, Straight, A-coded
- Number of pins: 8
- Connector body: Plastic, TPU, Black
- Coupling nut/retaining screw: Brass, CuZn, Nickel-plated
- Voltage: 30 V
- Current: 2 A
- Cable diameter: Ø 5.9 mm
- Cable length: * m
- Cable jacket: PUR, Black
- Core cross-section: 8 × 0.25 mm²
- Ambient temperature: -25...+80 °C
- Storage temperature: -50...+80 °C
- Protection class: IP67, IP69K
- Approvals: cULus

* Cable length	ID	Further information
2 m	6625165	www.turck.de/en/products/6625165
5 m	6625172	www.turck.de/en/products/6625172

Field-wireable connectors and accessories

HAS8241-0

ID 6905400



Accessories for Sensors and Actuators
Field-Wireable Connector

- Connector A: Male, M12 × 1, Angled, A-coded
- Number of Pins: 4
- Connector body: Plastic, PA, Black
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Connection mode: Insulation displacement terminal
- Screw-in thread: M12 × 1
- Core cross-section/Clamping ability: 0.25...0.5 mm²
- External diameter of the cable: 4...5.1 mm
- Voltage: 32 V
- Current: 4 A
- Storage temperature: -5...+50 °C
- Protection class: IP67
- Further information: www.turck.de/en/products/6905400

HA8241-0

ID 6905401



Accessories for Sensors and Actuators
Field-Wireable Connector

- Connector A: Female, M12 × 1, Angled, A-coded
- Number of Pins: 4
- Connector body: Plastic, PA, Black
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Connection mode: Insulation displacement terminal
- Screw-in thread: M12 × 1
- Core cross-section/Clamping ability: 0.25...0.5 mm²
- External diameter of the cable: 4...5.1 mm
- Voltage: 32 V
- Current: 4 A
- Storage temperature: -5...+50 °C
- Protection class: IP67
- Further information: www.turck.de/en/products/6905401

HAS8141-0

ID 6905406



Accessories for Sensors and Actuators
Field-Wireable Connector

- Connector A: Male, M12 × 1, Straight, A-coded
- Number of Pins: 4
- Connector body: Plastic, PA, Black
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Connection mode: Insulation displacement terminal
- Screw-in thread: M12 × 1
- Core cross-section/Clamping ability: 0.14...0.34 mm²
- External diameter of the cable: 4...5.1 mm
- Voltage: 32 V
- Current: 4 A
- Storage temperature: -5...+50 °C
- Protection class: IP67
- Further information: www.turck.de/en/products/6905406

HA8141-0

ID 6905407



Accessories for Sensors and Actuators
Field-Wireable Connector

- Connector A: Female, M12 × 1, Straight, A-coded
- Number of Pins: 4
- Connector body: Plastic, PA, Black
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Connection mode: Insulation displacement terminal
- Screw-in thread: M12 × 1
- Core cross-section/Clamping ability: 0.14...0.34 mm²
- External diameter of the cable: 4...5.1 mm
- Voltage: 32 V
- Current: 4 A
- Storage temperature: -5...+50 °C
- Protection class: IP67
- Further information: www.turck.de/en/products/6905407

BM8151-0/PG9/YE

ID 6936233



Accessories for Sensors and Actuators
Field-Wireable Connector

- Connector A: Female, M12 × 1, Straight, A-coded
- Number of Pins: 5
- Connector body: Plastic, PA6 GF, UL 94, Yellow
- Coupling nut/screw: Die-cast Zinc, GD-Zn, Nickel-plated
- Connection mode: Screw/clamp connection
- Core cross-section/Clamping ability: 0.25...1.5 mm²
- External diameter of the cable: 4...8 mm
- Voltage: 60 V
- Current: 4 A
- Storage temperature: -30...+85 °C
- Protection class: IP67
- Further information: www.turck.de/en/products/6936233

BMS8151-0/PG9/YE

ID 6936232



Accessories for Sensors and Actuators
Field-Wireable Connector

- Connector A: Male, M12 × 1, Straight, A-coded
- Number of Pins: 5
- Connector body: Plastic, PA6 GF, UL 94, Yellow
- Coupling nut/screw: Die-cast Zinc, GD-Zn, Nickel-plated
- Connection mode: Screw/clamp connection
- Core cross-section/Clamping ability: 0.25...1.5 mm²
- External diameter of the cable: 4...8 mm
- Voltage: 60 V
- Current: 4 A
- Storage temperature: -30...+85 °C
- Protection class: IP67
- Further information: www.turck.de/en/products/6936232

VAS22-S-FS5.31

ID 6606581

**Valve connector A type****Adapter valve connector - M12 × 1 male**

- Connector A: Design A, M12 × 1
 - Number of Pins: 2+PE, PE bridged
 - Connector body: Plastic, TPU, Black/Translucent
 - Protective component: Transil diode
 - Display switch state : LED, Yellow/Yellow
 - Voltage: 24 V
 - Current: 4 A
 - Storage temperature: -30...+90 °C
 - Protection class: IP65, IP67, IP68
 - Further information: www.turck.de/en/products/6606581
-

Bulk cable

CABLE5X0.34-SH-PUR-YE-250M/TXY

ID various



Actuator and Sensor Cable, PUR
Bulk Cable

- Number of Pins: 5
- Current: 4 A
- Cable diameter: Ø 5.6 mm
- Cable jacket: PUR, Yellow
- Core cross-section: 5 × 0.34 mm²
- Ambient temperature: -25...+80 °C
- Storage temperature: -50...+80 °C

* Cable length	ID	Further information
250 m	6631096	www.turck.de/en/products/6631096
500 m	6631097	www.turck.de/en/products/6631097

CABLE4X0.34-XX-PUR-BK-500M/TXL

ID 6627995



Actuator and Sensor Cable, PUR
Bulk cable

- Number of Pins: 4
- Current: 4 A
- Cable diameter: Ø 4.7 mm
- Cable length: 500 m
- Cable jacket: PUR, Black
- Core cross-section: 4 × 0.34 mm²
- Ambient temperature: -25...+80 °C
- Storage temperature: -50...+80 °C
- Further information: www.turck.de/en/products/6627995

Junctions

RSM-2RKM50
ID 6914950


2-Way Junction Systems

T-Splitter without Cable

- Network protocol: DeviceNet, CANopen
- Housing material: Plastic, TPU
- Connector A: Male, 7/8"-16 UN, A-coded
- Number of Pins: 5
- Connector body: Black
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Connector B: 2 x Female, 7/8"-16 UN, A-coded
- Number of pins: 4
- Coupling nut/retaining screw: Brass, CuZn, Nickel-plated
- Voltage: 250 V
- Current: 9 A
- Ambient temperature: -40...+80 °C
- Storage temperature: -30...+90 °C
- Protection class: IP67
- Further information: www.turck.de/en/products/6914950

VBRK4.4-RSC4.861T-0.3/0.3/TXG
ID 6631779


2-Way Junction Systems

Y-Splitter with Cable, Male Connector M12 × 1 - 2 × Female Connectors M12 × 1

- Connector A: Female, M12 × 1, Straight
- Number of Pins: 4
- Connector body: Plastic, TPU, Black
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Connector B: 2 x Male, M12 × 1, Straight
- Number of pins: 3
- Connector body: Plastic, TPU, Black
- Coupling nut/retaining screw: Brass, CuZn, Nickel-plated
- Voltage: 48 V
- Current: 4 A
- Cable diameter: Ø 4.3 mm
- Cable length: 0.3 m
- Cable jacket: PUR, Gray
- Core cross-section: 3 × 0.34 mm²
- Ambient temperature: -25...+80 °C
- Storage temperature: -50...+80 °C
- Protection class: IP67
- Approvals: CE, UKCA
- Further information: www.turck.de/en/products/6631779

VBRS4.4-2RKC4T-0.6/0.6/TXL

ID 6628111



2-Way Junction Systems

Y-Splitter with Cable, Male Connector M12 × 1 - 2 × Female Connectors M12 × 1

- Connector A: Male, M12 × 1, Straight
- Number of Pins: 4
- Connector body: Plastic, TPU, Black
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Connector B: 2 x Female, M12 × 1, Straight
- Number of pins: 3
- Connector body: Plastic, TPU, Black
- Coupling nut/retaining screw: Brass, CuZn, Nickel-plated
- Voltage: 250 V
- Current: 4 A
- Cable diameter: Ø 4.3 mm
- Cable length: 0.6 m
- Cable jacket: PUR, Black
- Core cross-section: 3 × 0.34 mm²
- Ambient temperature: -25...+80 °C
- Storage temperature: -50...+80 °C
- Protection class: IP67
- Approvals: CE, UKCA
- Further information: www.turck.de/en/products/6628111

VBRS4.4-2WKC4T-P7X2-0.6/0.6/TXL

ID 6628158



2-Way Junction Systems

Y-Splitter with Cable, Male Connector M12 × 1 - 2 × Female Connectors M12 × 1

- Connector A: Male, M12 × 1, Straight
- Number of Pins: 4
- Connector body: Plastic, TPU, Black
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Connector B: 2 x Female, M12 × 1, Angled
- Number of pins: 3
- Connector body: Plastic, TPU, Black
- Coupling nut/retaining screw: Brass, CuZn, Nickel-plated
- Voltage: 250 V
- Current: 4 A
- Cable diameter: Ø 4.3 mm
- Cable length: 0.6 m
- Cable jacket: PUR, Black
- Core cross-section: 3 × 0.34 mm²
- Ambient temperature: -25...+80 °C
- Storage temperature: -50...+80 °C
- Protection class: IP67
- Approvals: CE, UKCA
- Further information: www.turck.de/en/products/6628158

VB2-PX3-FSM4.4-2FKM4

ID 6930567



2-Way Junction Systems

Y-Splitter without Cable, M12 × 1 Male - 2 × M12 × 1 Female

- Connector A: Male, M12 × 1
- Number of Pins: 4/3
- Connector body: Plastic, TPU, Translucent
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Display operating voltage: LED, Green
- Display switch state : LED, Yellow/Yellow
- Connector B: 2 x Female, M12 × 1
- Voltage: 24 V
- Current: 4 A
- Ambient temperature: -30...+90 °C
- Protection class: IP67
- Approvals: CE, UKCA
- Further information: www.turck.de/en/products/6930567

VB2-FSM4.4-2MFK3

ID 6930559



2-Way Junction Systems

Y-Splitter without Cable, Male M12 × 1 - 2 × Female M8 × 1

- Connector A: Male, M12 × 1
- Number of Pins: 4/3
- Connector body: Plastic, TPU, Black
- Coupling nut/screw: Brass, CuZn, Nickel-plated
- Connector B: 2 x Female, M8 × 1
- Voltage: 60 V
- Current: 4 A
- Ambient temperature: -30...+90 °C
- Protection class: IP67
- Approvals: CE, UKCA
- Further information: www.turck.de/en/products/6930559

Connectivity – accessories

S89/VB2-Mounting Clip**ID 6936048**

Accessories for actuator/sensor cables

Mounting Clip for Profibus/CAN/Sensor-Y

- Network protocol: PROFIBUS-DP, CAN, CANopen, DeviceNet
- Housing material: Plastic, PA
- Further information: www.turck.de/en/products/6936048

BEFESTIGUNGSClip M12 / 10pcs.**ID 8053527**

Accessories for actuator/sensor cables

Mounting Clip for M12 Male Connector

- Further information: www.turck.de/en/products/8053527

VS-M12-BK**ID 6936055**

Accessories for Actuator/Sensor Cables

Screw plug

- Further information: www.turck.de/en/products/6936055

Machine safety

TBSB-A1-CS12**ID 100003274**

Machine Safety

Switch Box for Disconnecting the Actuator Voltage V 2

- Power supply connectivity: AIDA
- Housing material: Die-cast aluminum housing
- Ambient temperature: -25...+40 °C
- Storage temperature: -25...+50 °C
- Protection class: IP65
- PL acc. to ISO 13849-1: Level e
- SIL acc. to IEC 61508 : 3
- Category acc. to DIN EN 13849-1:2008: 4
- Approvals: CE
- Further information: www.turck.de/en/products/100003274

LED

ML-CA40P-9X3-CWW-H1141
ID 6914397


- LED Machine Light
Mountable cube light
- Light type: White
 - Operating voltage: 18...30 VDC
 - Design: Rectangular
 - Dimensions: 41 × 41 × 66 mm
 - Housing material: Powder-coated die-cast aluminium, AL
 - Window material: silicone, clear
 - Electrical connection: Connector, M12 × 1
 - Ambient temperature: -40...+50 °C
 - Protection class: IP67
 - Further information: www.turck.de/en/products/6914397

WL50F-2Q
ID 3085371


- Work Light
Spotlight
- Light type: White
 - Number of colors/segments: 1
 - Dimmable: No
 - Cascadable: No
 - Design: Rectangular
 - Dimensions: 76 × 50 × 23.1 mm
 - Housing material: Plastic, PC, Black
 - Window material: Polycarbonate, clear
 - Electrical connection: Connector, M12 × 1
 - Ambient temperature: -40...+50 °C
 - Protection class: IP67, IP69
 - Special features: Wash down
 - Further information: www.turck.de/en/products/3085371

WL50F-3WQ
ID 3810660


- Work Light
Spotlight
- Light type: White
 - Dimmable: PWM
 - Cascadable: No
 - Design: Rectangular
 - Dimensions: 76 × 50 × 23.1 mm
 - Housing material: Plastic, PC
 - Window material: Plastic, clear
 - Electrical connection: Connector, M12 × 1
 - Ambient temperature: -40...+50 °C
 - Protection class: IP67, IP69K
 - Further information: www.turck.de/en/products/3810660

WL50SWL5Q

ID 3018743



Work Light
Spotlight

- Light type: White
- Number of colors/segments: 1
- Dimmable: No
- Cascadable: No
- Beam angle: 5°
- Design: Puck
- Dimensions: Ø 50 × 65.8 mm
- Housing material: Metal, AL, Black
- Window material: Polycarbonate, clear
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -20...+50 °C
- Storage temperature: -40...+70 °C
- Protection class: IP67, IP69
- Special features: Wash down
- Further information: www.turck.de/en/products/3018743

WLS28-2CW285DXQ

ID 3087811



Work Light
Linear Light

- Light type: White
- Number of colors/segments: 1
- Dimmable: Two-stage
- Cascadable: Yes
- Beam angle: wide beam 40...80°
- Design: Rectangular
- Dimensions: 335 × 28 × 20.9 mm
- Housing material: Metal, AL
- Window material: Polycarbonate, diffuse
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -40...+70 °C
- Storage temperature: -40...+70 °C
- Protection class: IP50
- Further information: www.turck.de/en/products/3087811

WLS28-2CW285XQ

ID 3087795



Work Light
Linear Light

- Light type: White
- Number of colors/segments: 1
- Dimmable: Two-stage
- Cascadable: Yes
- Beam angle: wide beam 40...80°
- Design: Rectangular
- Dimensions: 335 × 28 × 20.9 mm
- Housing material: Metal, AL
- Window material: Polycarbonate, clear
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -40...+70 °C
- Storage temperature: -40...+70 °C
- Protection class: IP50
- Further information: www.turck.de/en/products/3087795

WLS28-2CW570DXQ

ID 3087813



Work Light
Linear Light

- Light type: White
- Number of colors/segments: 1
- Dimmable: Two-stage
- Cascadable: Yes
- Beam angle: wide beam 40...80°
- Design: Rectangular
- Dimensions: 617 × 28 × 20.9 mm
- Housing material: Metal, AL
- Window material: Polycarbonate, diffuse
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -40...+70 °C
- Storage temperature: -40...+70 °C
- Protection class: IP50
- Further information: www.turck.de/en/products/3087813

WLS28-2CW570XQ

ID 3087797



Work Light
Linear Light

- Light type: White
- Number of colors/segments: 1
- Dimmable: Two-stage
- Cascadable: Yes
- Beam angle: wide beam 40...80°
- Design: Rectangular
- Dimensions: 617 × 28 × 20.9 mm
- Housing material: Metal, AL
- Window material: Polycarbonate, clear
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -40...+70 °C
- Storage temperature: -40...+70 °C
- Protection class: IP50
- Further information: www.turck.de/en/products/3087797

WLS28-2CW990DXQ

ID 3087816



Work Light
Linear Light

- Light type: White
- Number of colors/segments: 1
- Dimmable: Two-stage
- Cascadable: Yes
- Beam angle: wide beam 40...80°
- Design: Rectangular
- Dimensions: 1040 × 28 × 21 mm
- Housing material: Metal, AL
- Window material: Polycarbonate, diffuse
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -40...+70 °C
- Storage temperature: -40...+70 °C
- Protection class: IP50
- Further information: www.turck.de/en/products/

WLS28-2CW990XQ

ID 3087800

**Work Light****Linear Light**

- Light type: White
 - Number of colors/segments: 1
 - Dimmable: Two-stage
 - Cascadable: Yes
 - Beam angle: wide beam 40...80°
 - Design: Rectangular
 - Dimensions: 1040 × 28 × 21 mm
 - Housing material: Metal, AL
 - Window material: Polycarbonate, clear
 - Electrical connection: Connector, M12 × 1
 - Ambient temperature: -40...+70 °C
 - Storage temperature: -40...+70 °C
 - Protection class: IP50
 - Further information: www.turck.de/en/products/
-

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