

Photoelectric Sensor

DS186EQ7

■ Operating voltage: 10...30 VDC

Type	DS186EQ7
ID	3076527
Optical data	
Function	Opposed mode sensor
Operating mode	Emitter
Wavelength	940 nm
Range	0...20000 mm
Electrical data	
Operating voltage U_s	10...30 VDC
Residual ripple	< 10 % U_s
DC rated operating current I_s	≤ 100 mA
Short-circuit protection	yes
Reverse polarity protection	yes
Readiness delay	≤ 100 ms
Mechanical data	
Design	Rectangular with thread, DS18
Dimensions	Ø 18 x 31.1 x 15 x 55.4 mm
Housing material	Plastic, Thermoplastic material
Electrical connection	Connector, M8 × 1, PVC
Number of cores	4
Ambient temperature	-20...+70 °C
Protection class	IP67
Excess gain indication	LED
Tests/approvals	

Wiring Diagram

