

Photoelectric Sensor

DS186E W/30

Type	DS186E W/30
ID	3076746
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 47.9 mm
Housing material	Plastic, Thermoplastic material
Electrical connection	Cable, 9 m, PVC
Number of cores	2
Ambient temperature	-20...+70 °C
Protection class	IP67
Excess gain indication	LED
Tests/approvals	



■ Operating voltage: 10...30 VDC

Wiring Diagram

