

DS186E W/30

Photoelectric Sensor

Technical data

Type	DS186E W/30
ID no.	3076746
Optical data	
Function	Opposed mode sensor
Operating mode	Emitter
Wavelength	940 nm
Range	0...20000 mm
Electrical data	
Operating voltage	10...30 VDC
Residual ripple	< 10 % U _{ss}
DC rated operational current	≤ 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
Lens	Acrylic
Electrical connection	Cable, 9 m, PVC
Number of cores	2
Ambient temperature	-20...+70 °C
Protection class	IP67
Excess gain indication	LED
Tests/approvals	



Features

- Operating voltage: 10...30 VDC

Wiring diagram

