

# DS186E

## Photoelectric Sensor – Opposed Mode Sensor

### Technical data

Type	DS186E
ID	3076525
<b>Optical data</b>	
Function	Opposed mode sensor
Operating mode	Emitter
Wavelength	940 nm
Range	0...20000 mm
<b>Electrical data</b>	
Operating voltage	10...30 VDC
Residual ripple	< 10 % U <sub>ss</sub>
DC rated operational current	≤ 100 mA
Short-circuit protection	yes
Reverse polarity protection	yes
Readiness delay	≤ 100 ms
<b>Mechanical data</b>	
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, 2 m, PVC
Number of cores	2
Ambient temperature	-20...+70 °C
Protection class	IP67
Excess gain indication	LED
<b>Tests/approvals</b>	



### Features

- Emitter
- Operating voltage 10...30 VDC
- Cable 2 m
- Operating voltage: 10...30 VDC

### Wiring diagram

