

# DS186EQ5

## Photoelectric Sensor

### Technical data

Type	DS186EQ5
ID no.	3078124
<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 with connector, M12 × 1, 0.15 m, PVC
Number of cores	4
Ambient temperature	-20...+70 °C
Protection class	IP67
Excess gain indication	LED
<b>Tests/approvals</b>	



### Features

- Operating voltage: 10...30 VDC

### Wiring diagram

