

FA

FAIH/00-2A84

Photo.M18,IR emiss.,Cable,Emitter

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	15m
Thermal drift of Sr	≤10% Sr
Repeat Accuracy	5%
Sensitivity adjustment	No

Application

Function Principle	Emitter
Emitter/Receiver	Emitter
Optic position	Radial 90°

Outputs

Output type	

Switching frequency	250Hz
Response time	2ms

Electrical data

Operating Voltage	10…30VDC
No-Load supply current	≤ 25mA
Max ripple content	≤10%
LED indicators	Yellow (powerON)
Time delay before availability	≤200ms
Reverse Polarity Protection	Polarity inversal, Inpulsive voltage
Emission	LED Infrared (880nm)

Mechanical data

Housing material	PBT / PC plug
Connections	3m PVC cable
Active Head Material	PC
Tightening torque	1Nm
Diameter/Dimension	M18

Test/Approvals

Approvals	CE cULus
EMC compatibility	EN 60947-5-2

Shocks and vibrations	Vibration IEC 60068-2-6 / Shock IEC 60068-2-27

Accessories

Supplied Accessories	nuts M18 x 1

Generical Data

Dimensions	M18 x 1/L=78,5mm
Operating Temperature	- 25°C…+ 70°C (Without freeze)
Mechanical Protection	IP67

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