



# FA

## FAIH/00-2A84

Photo.M18,IR emiss.,Cable,Emitter

### TECHNICAL FEATURES

#### Detection properties

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

#### Application

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

#### Outputs

Output type	
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Switching frequency	250Hz
Response time	2ms

#### Electrical data

Operating Voltage	10...30VDC
No-Load supply current	$\leq 25\text{mA}$
Max ripple content	$\leq 10\%$
LED indicators	Yellow (powerON)
Time delay before availability	$\leq 200\text{ms}$
Reverse Polarity Protection	Polarity inversal, Impulsive 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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