



FA

FAIH/00-1AAN

Photo.M18,IR emiss.,Cable,Emitter

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	20m
Thermal drift of Sr	$\leq 10\%$ Sr
Repeat Accuracy	5%
Sensitivity adjustment	No

Application

Function Principle	Emitter
Emitter/Receiver	Emitter
Optic position	Axial

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, Impulsive voltage
Emission	LED Infrared (880nm)

Mechanical data

Housing material	Nickel plated brass / PC cable exit
Connections	2m PVC cable
Active Head Material	PC
Tightening torque	25Nm
Diameter/Dimension	M18

Test/Approvals

Approvals	CE cULus Ex: II 3G Ex nA IIC T6 Gc II 3D Ex tc IIIB T85°C Dc
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=67,5mm

Operating Temperature

- 25°C...+ 70°C (Without freeze)

Mechanical Protection

IP67

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