

FA

FAID/BP-2A84

Photo.M18,PNP-NO+NC,Cable,Receiver

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	15m
Thermal drift of Sr	≤10% Sr
Repeat Accuracy	5%
Sensitivity adjustment	Trimmer

Application

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

Outputs

Output type	PNP NO+NC

Output Function	NO+NC
Switching frequency	250Hz
Response time	2ms

Electrical data

Operating Voltage	10…30VDC
No-Load supply current	≤ 25mA
Load current	≤100mA
Leakage current	≤10μA
Output voltage drop	≤2V@Iload=100mA
Max ripple content	≤10%
LED indicators	Yellow (Lon) or output status Lo/Do
Time delay before availability	≤200ms
Short-circuit protection	Short circuit (autoreset), Overvoltage
Reverse Polarity Protection	Polarity inversal, Inpulsive voltage
Emission	LED Infrared (880nm)
Interference to external light	5000lux (incandescent lamp), 10000lux (sunlight)

Mechanical data

Housing material	PBT/ PC cable exit
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, screwdriver

Generical Data

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

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date of printing
24/11/2026
06:07:53