Image:

FA

FARP/LP-2AVEAK

Photo.M18,PNP-LO,Pigtail M12,Reflex

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	2,5m
Thermal drift of Sr	≤10% Sr
Repeat Accuracy	5%
Sensitivity adjustment	No

Application

Function Principle	Polarized
Notes	On RL110 reflector
Optic position	Axial

Outputs

Output type	PNP Lon
Output Function	Lon
Switching frequency	250Hz

Response time	2ms

Electrical data

Operating Voltage	10…30VDC
No-Load supply current	≤ 30mA
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 Red (660nm)
Interference to external light	5000lux (incandescent lamp), 10000lux (sunlight)

Mechanical data

Housing material	PBT/ PC cable + M12 plug
Connections	M12 plug
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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date of printing
10/08/2026
03:22:14