

S15

952301101

S15-PA-2-G00-XG

PLASTIC AND STAINLESS STEEL TUBULAR M18
PHOTOELECTRIC SENSORS EVERY ENVIRONMENT



OVERVIEW

- Short case models for cost and space savings
- Plastic and stainless steel case with IP69K protection
- All optic functions at optimal operating distances
- Models with fixed settings or adjustment trimmer
- Cable, M12 connector and pig-tail models

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	20m
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Sensitivity adjustment	n/a
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Application

Function Principle	Through beam emitter
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Description	Tubular M18 - axial optic
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Functions	Through beam emitter
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Outputs

Output type	n/a
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Response time	n/a
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Electrical data

Operating Voltage	12...30VDC
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No-Load supply current	$\leq 25\text{mA}$
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Output voltage drop	$\leq 2\text{V}@I_{\text{load}}=100\text{mA}$
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LED indicators	Green (PowerON)
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Short-circuit protection	YES
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Reverse Polarity Protection	Yes
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Emission	LED Infrared
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Interference to external light	according to EN 60947-5-2 : 2020
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Impulsive Overvoltage Protection	Yes
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Insulation resistance	$>20\text{ M}\Omega$ 500 Vdc, between electronics and housing
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Contact resistance	500 Vac 1 min., between electronics and housing
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Mechanical data

Dimensions	Ø18x45
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Housing Material	Plastic - PBT / PMMA
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Connections	2m cable
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Active Head Material	PMMA
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Storage temperature	- 25°C...+70°C
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Material	
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Diameter/Dimension	M18
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Test/Approvals

Approvals	CE cULus
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Shocks and vibrations	0.5 mm amplitude, 10 ... 55 Hz frequency, for every axis (EN60068-2-6)
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Accessories

Supplied Accessories	nuts M18 x 1
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Generical Data

Dimensions	M18 x 1 /L=45
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Operating Temperature	- 25°C...+ 55°C (Without freeze)
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Mechanical Protection	IP67
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