



S5

952051641

S5-5-C60-30
TUBULAR SENSORS

OVERVIEW

- Wide versatility of optic functions and connections
- High operating distances for all functions
- Models with trimmer adjustment and stability LED
- Rugged and impermeable plastic housing

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	600mm
Sensitivity adjustment	Trimmer

Application

Function Principle	Diffuse beam
Description	Tubular M18 - axial optic

Functions	Diffuse beam
Outputs	
Output type	NPN/PNP - Dark/Light sel. L/D
Output Function	L/D
Response time	1
Electrical data	
Operating Voltage	10...30VDC
No-Load supply current	≤ 30mA
Load current	≤100mA
Output voltage drop	≤2,5V@Iload=100mA
Short-circuit protection	YES
Reverse Polarity Protection	Yes
Emission	LED Infrared
Interference to external light	according to EN 60947-5-2 : 2020
Impulsive Overvoltage Protection	Yes
Insulation resistance	>20 MΩ 500 Vdc, between electronics and housing
Contact resistance	500 Vac 1 min., between electronics and housing
Mechanical data	
Dimensions	Ø18x77

Material

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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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=77
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Operating Temperature	- 25°C...+ 55°C (Without freeze)
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Mechanical Protection	IP67
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