

SSU/00-0E

cylindrical photosensors



Micro Detectors

Italian Sensors Technology



Indicative image



Detection properties

Nominal sensing distance	3m (SSU), 8m (SSG)
Thermal drift of Sr	$\leq 10\%$ Sr

Application

Function Principle	Emitter
Emitter/Receiver	Emitter
Optic position	Axial

Electrical data

Operating Voltage	10...30Vdc
No-Load supply current	$\leq 25\text{mA}$
Max ripple content	10%
LED indicators	Yellow (powerON)
Time delay before availability	$\leq 200\text{ms}$
Reverse Polarity Protection	Yes
Emission	Red (660nm)
Impulsive Overvoltage Protection	Yes

Mechanical data

Dimensions	M18 x 1 / L = 78mm
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Weight	30g
Housing Material	PBT / PC plug
Connections	M12 plug
Active Head Material	PMMA
Tightening torque	1Nm
Operating temperature	- 25°C...+ 70° C (Without freeze)
Diameter/Dimension	M18

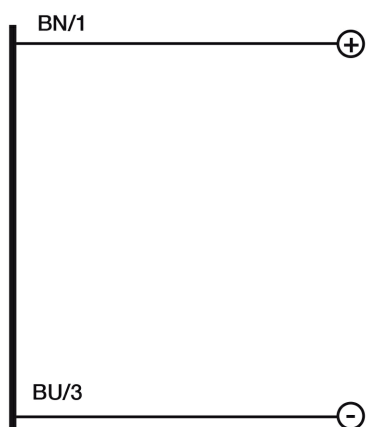
Test/Approvals

Approvals	CE, cULus
EMC compatibility	EN 60947-5-2
Shocks and vibrations	Vibration IEC 60068-2-6 / Shock IEC 60068-2-27
Degree of protection	IP67

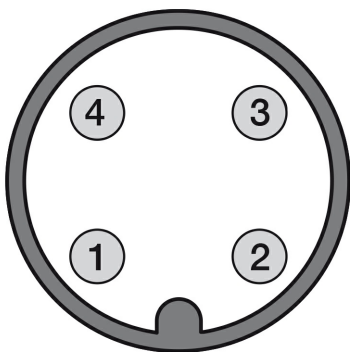
Accessories

Supplied Accessories nuts M18 x 1,

ELECTRICAL DIAGRAMS OF THE CONNECTIONS



CONNECTOR



RESPONSE CURVES

Dimensione Spot con ricevitore S+G++-++

Dimensione Spot con ricevitore S+V++-++

Disassamento Parallelo con ricevitore S+G++-++

Eccesso di Guadagno con ricevitore S+G++-++

Eccesso di Guadagno con ricevitore S+V++-++

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