



SS-SP

SSU/00-0E

Photo.M18,IR emiss.,M12 plug,Emitter
M18 DC WITH LATERAL ADJUSTMENT

OVERVIEW

- Models with side sens. adjustment on axial and right angle optic
- LO/DO selectable output
- ATEX models, cat. 3, available on request
- LED status indicator for all versions
- Complete protection against electrical damages
- IP67 protection degree for all models
- Approvals: CE and cULus listed



TECHNICAL FEATURES

Detection properties

Nominal sensing distance	3m (SSU), 8m (SSG)
Thermal drift of Sr	$\leq 10\%$ Sr
Repeat Accuracy	5%
Sensitivity adjustment	No

Application

Function Principle	Emitter
Emitter/Receiver	Emitter
Optic position	Axial

Outputs

Output type	
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Electrical data

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

Mechanical data

Dimensions	M18 x 1 /L =78mm
Housing material	PBT / PC plug

Weight	30g
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

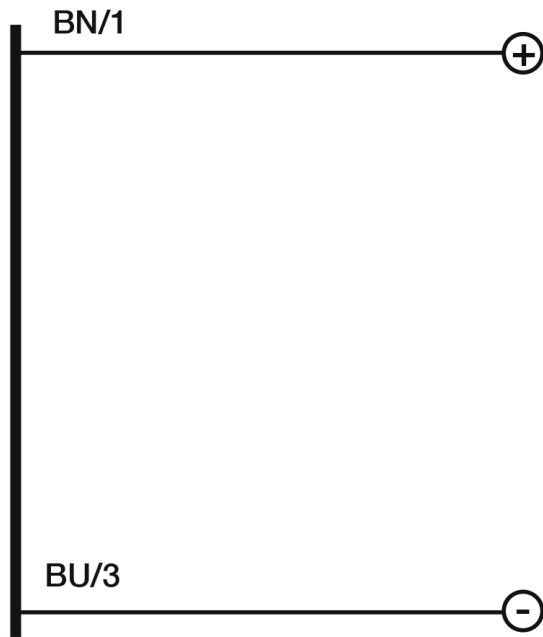
Supplied Accessories	nuts M18 x 1
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Generical Data

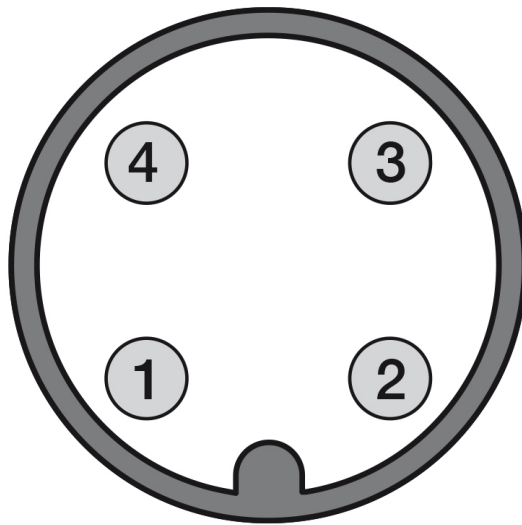
Dimensions	M18 x 1 /L =78mm
Operating Temperature	- 25°C...+ 70°C (Without freeze)
Mechanical Protection	IP67

CONNECTIONS

Electrical diagram



Connector

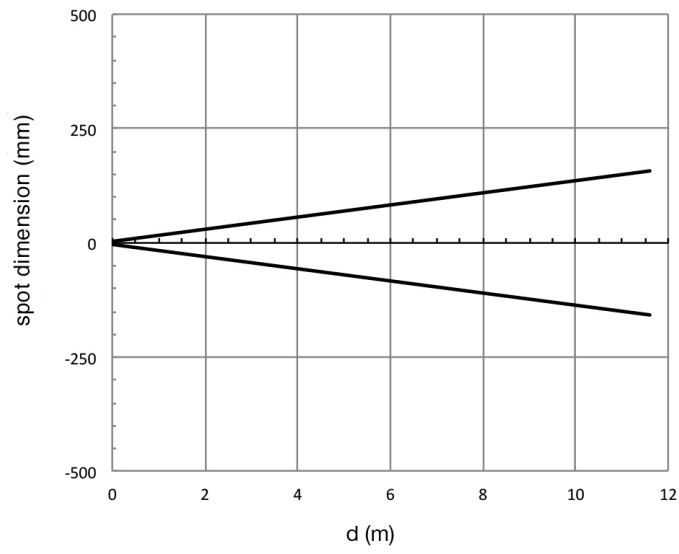


OTHERS

Dimensions

Image:

Response curves



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