



## SS-SP

### SSU/00-1A

Photo.M18,IR emiss.,Cable,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=63,9mm
Weight	130g

Housing Material	Nickel plated brass / PC cable exit
Connections	2m PVC cable
Active Head Material	PMMA
Tightening torque	25Nm
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

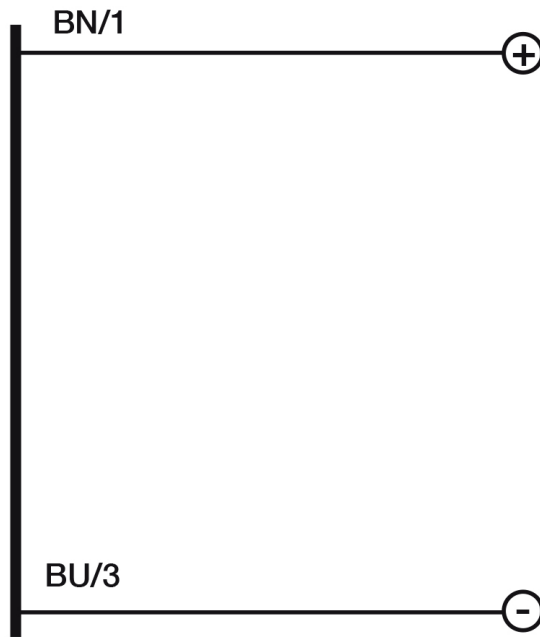
Supplied Accessories	nuts M18 x 1
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#### Generical Data

Dimensions	M18 x 1/L=63,9mm
Operating Temperature	- 25°C...+ 70°C (Without freeze)
Mechanical Protection	IP67

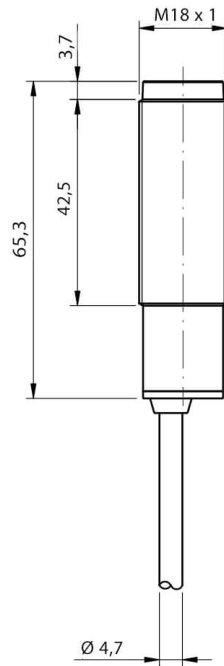
# CONNECTIONS

### Electrical diagram

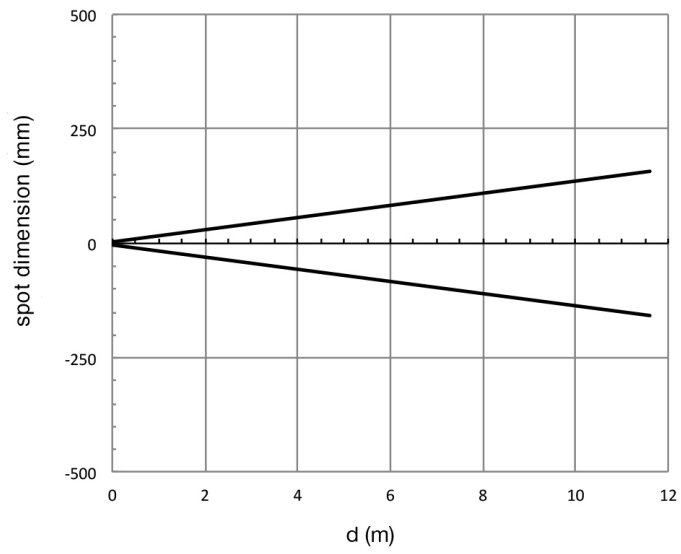


## OTHERS

### Dimensions



### Response curves



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