



SS-SP

SSP/DP-1A

Photo.M18,PNP-DO,Cable,Reflex
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	4m
Thermal drift of Sr	$\leq 10\%$ Sr
Repeat Accuracy	5%
Sensitivity adjustment	No

Application

Function Principle	Polarized
Notes	On RL110 reflector
Optic position	Axial
Outputs	
Output type	PNP Don
Output Function	Don
Switching frequency	250Hz
Response time	2ms
Electrical data	
Operating Voltage	10...30VDC
No-Load supply current	≤ 30mA
Load current	≤100mA
Leakage current	≤10μA
Output voltage drop	≤1,2V@Iload=100mA
Max ripple content	≤10%
LED indicators	Yellow (status output)
Time delay before availability	≤200ms
Short-circuit protection	Yes

Reverse Polarity Protection	Yes
Emission	LED Red (660nm)
Interference to external light	3000lux (incandescent lamp), 10000lux (sunlight)
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

Generical Data

Dimensions

M18 x 1/L=63,9mm

Operating Temperature

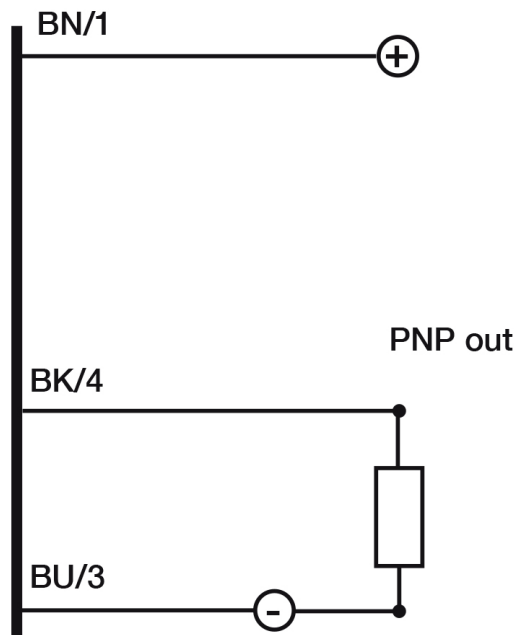
- 25°C...+ 70°C (Without freeze)

Mechanical Protection

IP67

CONNECTIONS

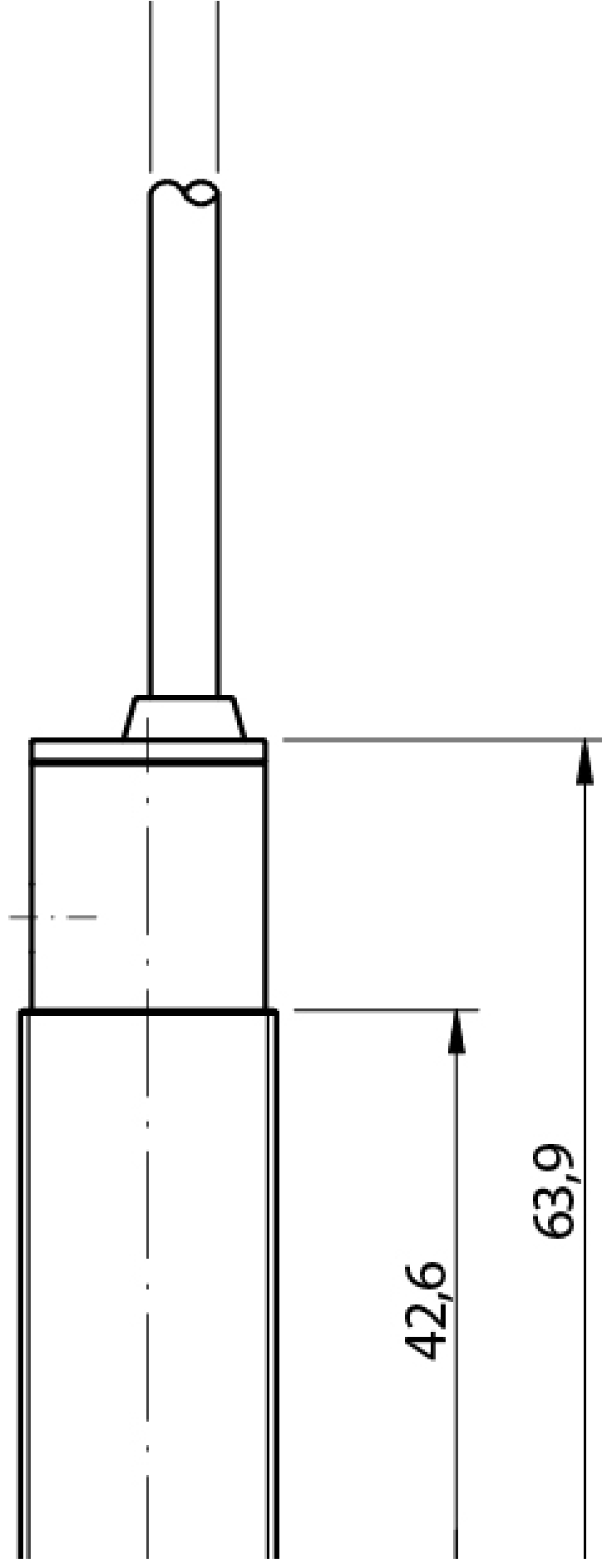
Electrical diagram

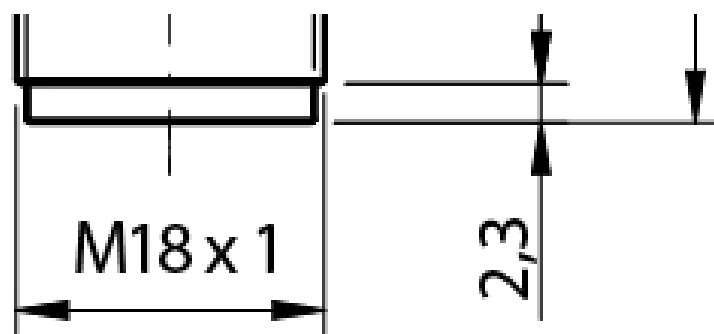


OTHERS

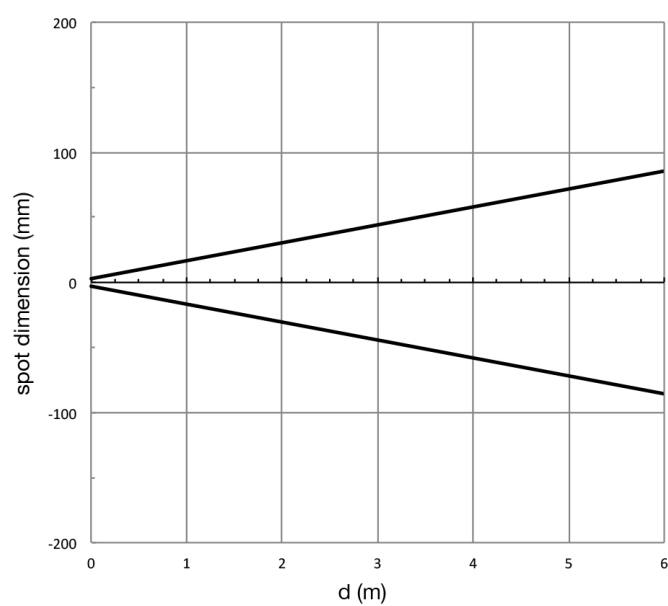
Dimensions







Response curves



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