

CE

CE2/0P-1A

Cap.d20,PNP-NO+NC,Cable,Sch-STD

Ø 20 MM CYLINDRICAL CAPACITIVE SENSORS

OVERVIEW

- Models with or without self-monitoring
- Sensitivity adjustment with trimmer
- NO+NC complementary output
- Stainless steel housing
- IP65 protection degree
- Complete protection against electrical damages
- Axial cable exit or M12 plastic plug cable exit

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	1,5…10mm
Thermal drift of Sr	< 20%
Repeat Accuracy	5%
Sensitivity adjustment	Yes
Hysteresis	≤ 20%

Outputs

Output type	PNP with self monitoring
Output Function	NO + NC
Switching frequency	300Hz

Electrical data

Operating Voltage	10..30Vdc
No-Load supply current	≤ 17mA
Load current	≤ 100mA
Leakage current	≤ 1µA
Output voltage drop	1,5V - max. IL=100mA
Max ripple content	≤15%
LED indicators	Yellow LED (object detected)
Time delay before availability	≤ 200ms
Short-circuit protection	Yes, autoreset
Reverse Polarity Protection	Yes
Impulsive Overvoltage Protection	Yes

Mechanical data

Dimensions	ø20 / L = 80mm

Mounting	Shielded
Housing material	AISI 303 Stainless Steel
Weight	200g
Connections	2m PVC cable
Active Head Material	LCP
Operating temperature	-25°C…+70°C
Diameter/Dimension	ø20

Test/Approvals

Approvals	CE cULus
EMC compatibility	IEC 60947-5-2
Shocks and vibrations	Vibration IEC 60068-2-6 / Shock IEC 60068-2-27
Degree of protection	IP65

Accessories

Supplied Accessories	screw driver

Generical Data

Dimensions	ø20 / L = 80mm
Operating Temperature	-25°C…+70°C (without freeze)
Mechanical Protection	IP65

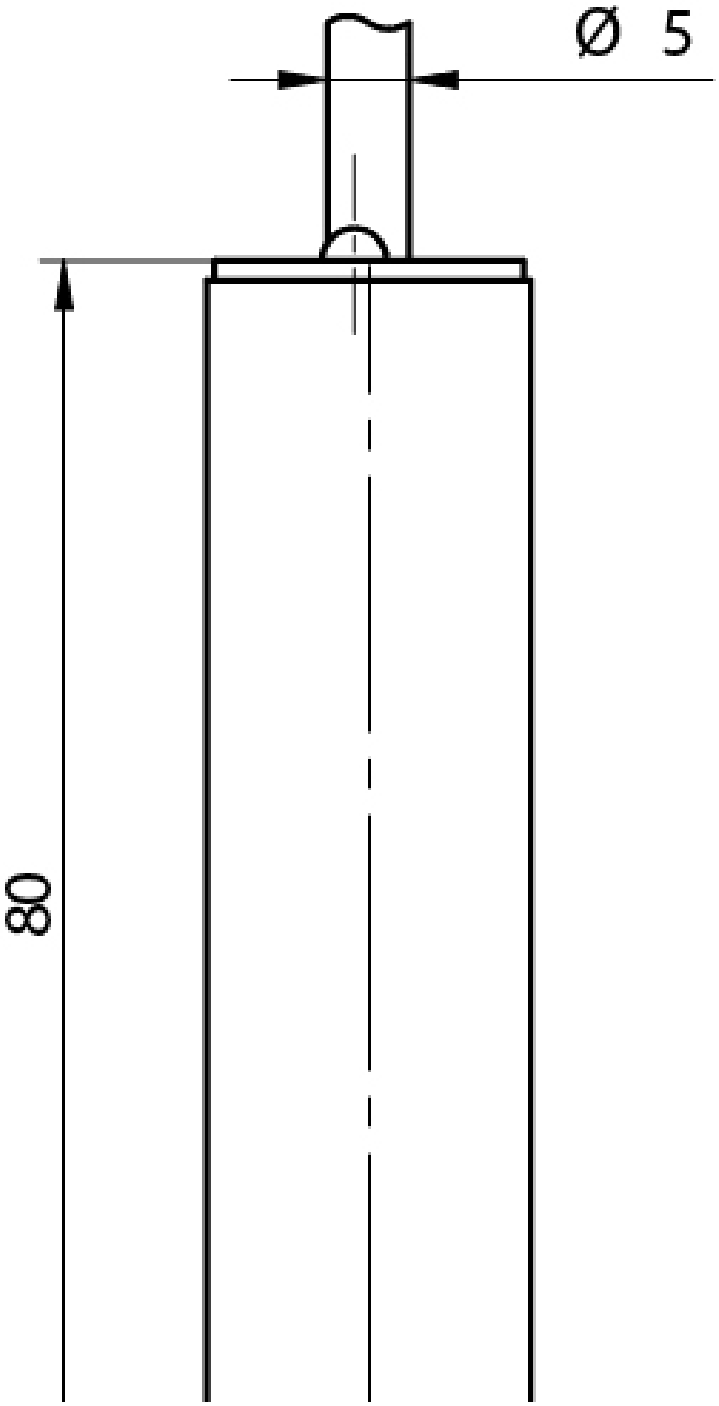
CONNECTIONS

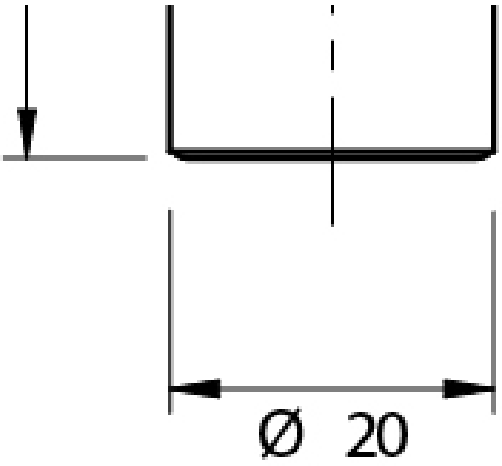
Eletrical diagram

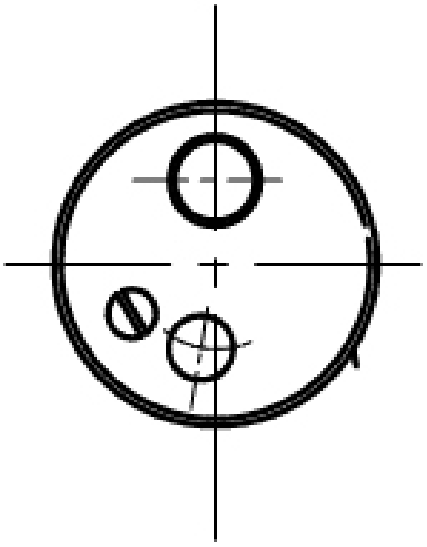
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OTHERS

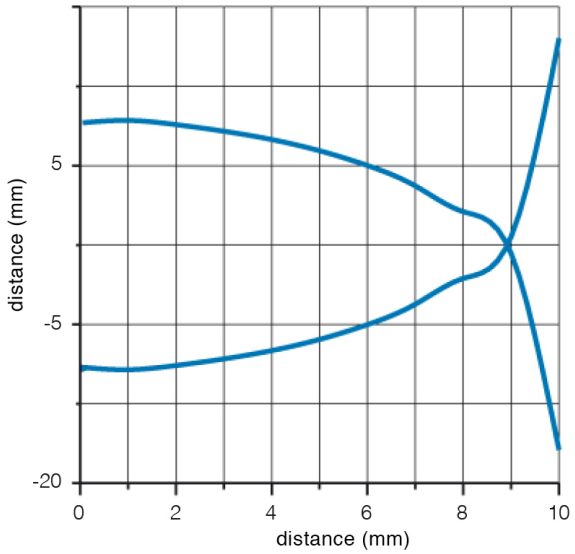
Dimensions







Response curves



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