

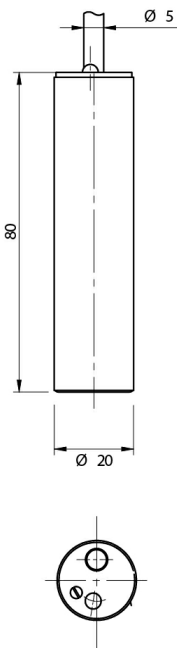


Indicative image



Ø 20 MM CYLINDRICAL CAPACITIVE SENSORS

- 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



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
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)
Short-circuit protection	Yes, autoreset
Reverse Polarity Protection	Yes
Impulsive Overvoltage Protection	Yes

Mechanical data

Mounting	Shielded
Dimensions	ø20 / L = 80mm
Weight	200g
Housing Material	AISI 303 Stainless Steel
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

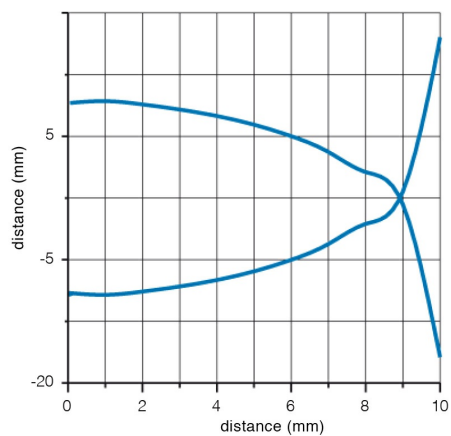
Supplied Accessories	screw driver
----------------------	--------------

Generical Data

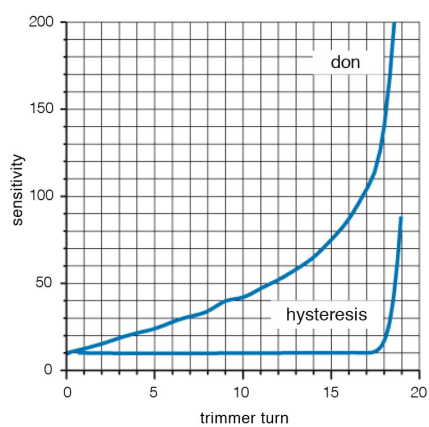
Dimensions	ø20 / L = 80mm
Operating Temperature	-25°C...+70°C
Mechanical Protection	IP65

RESPONSE CURVES

Area di rilevamento



Regolazione della sensibilità



Datasensing S.r.l.

Strada S.Caterina, 235
41122 Modena (MO)
Tel. 059 420411
Fax 059 253973
E-mail info@datasensing.com

date of printing

29/04/2022 09:12:39