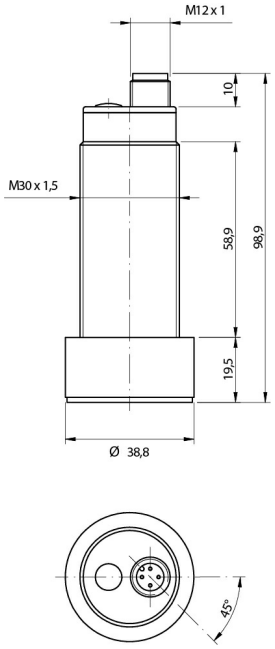
UT2F/G6-0ESY

cylindrical ultrasonic

Micro Detectors
Italian Sensors Technology





Detection properties

Nominal sensing distance	6000mm
Thermal drift of Sr	±5%
Repeat Accuracy	0,1%valore fondoscala
Beam angle	15° ± 2°
Resolution	0,1%valore fondoscala
Sensitivity adjustment	bottone teach-in
Hysteresis	1% valore fondoscala
thermal compensation	Sì
Minimum sensing distance (blind zone)	350mm
Linearity error	1% valore fondoscala

Outputs

Output type	1xPNP+4...20mA
Output Function	NO/NC
Switching frequency	1Hz

Response time	1s

Electrical data

Operating Voltage	10 - 30Vdc
No-Load supply current	25mA
Load current	100mA
Leakage current	≤ 10µA @ 30Vdc
Output voltage drop	2,2V max @ IL=100mA
Max ripple content	5%
LED indicators	Verde: Eco - Giallo: Uscita
Time delay before availability	≤400ms
Short-circuit protection	Sì
Reverse Polarity Protection	Sì
Impulsive Overvoltage Protection	Sì

Mechanical data

Dimensions	ø 38,8mm / L = 99mm
Weight	170g
Housing Material	PBT
Connections	M12 Plug
Tightening torque	1,5Nm
Operating temperature	-20°C...+70°C
Storage temperature	-30°C...+80°C
Transducer Frequency	75KHz

Test/Approvals

Approvals	CE cULus
EMC compatibility	IEC 60947-5-2
Shocks and vibrations	IEC EN 60947-5-2 / 7.4
Degree of protection	IP67

Accessories

Supplied Accessories	2 x M30x1,5 dadi, 2 rosette Ø 30

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