

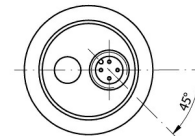
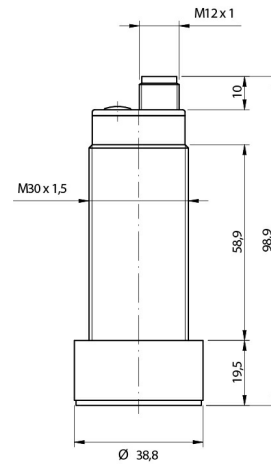
# UT2F/G7-0ESY

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	Teach-in button
Hysteresis	1% valore fondoscala
thermal compensation	Sì
Minimum sensing distance (blind zone)	350mm
Linearity error	1% valore fondoscala

## Application

Function Principle Diffuse reflection

## Outputs

Output type PNP + 0...10V

Output Function NO/NC + positive/negative slope

Switching frequency 1Hz

Response time	1s
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## 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	∅ 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
Diameter/Dimension	M30

## 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 ∅ 30
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