

ET-305

Sensor Head, Shielded Type, f5.4

*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

Specifications

Model		ET-305
Type		Sensor Head, Shielded Type
Shape		Cylindrical
Detecting distance		0 to 1.0 mm 0.04"
Detectable object		Nonferrous metals
Standard target (aluminum, t=1 mm 0.04")		5 x 5 mm 0.20"
Sensitivity adjustment		15-turn trimmer
Response frequency		1 kHz
Hysteresis adjustment		1-turn trimmer (240°), approx. 2 to 10% of detecting distance (variable)
Operation mode		15-turn trimmer
Temperature characteristics		+25 to -15% max. of detecting distance at 23°C 73.4°F, within 0 to 50°C 32 to 122°F
Output	Control output	100 mA max. (40 V max.), Residual voltage: 1 V max.
Protection circuit		Reversed polarity, surge absorber
Rating	Power voltage	12 to 24 VDC, Ripple (P-P) 10 % or less
	Current consumption	45 mA or less
Environmental resistance	Enclosure rating	IP67
	Ambient temperature	0 to +50 °C 32 to 122 °F
	Relative humidity	35 to 85 % RH (No condensation)
	Vibration resistance	10 to 55 Hz, Double amplitude 1.5 mm 0.06", 2 hours in each of the X, Y, and Z directions
Accessories		—
Weight		Approx. 50 g (including 3m cable)

Dimensions

* Download CAD file or product manual for larger image/text and more detail.

