

EH-108

Sensor Head, Shielded Type, M8

CE

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

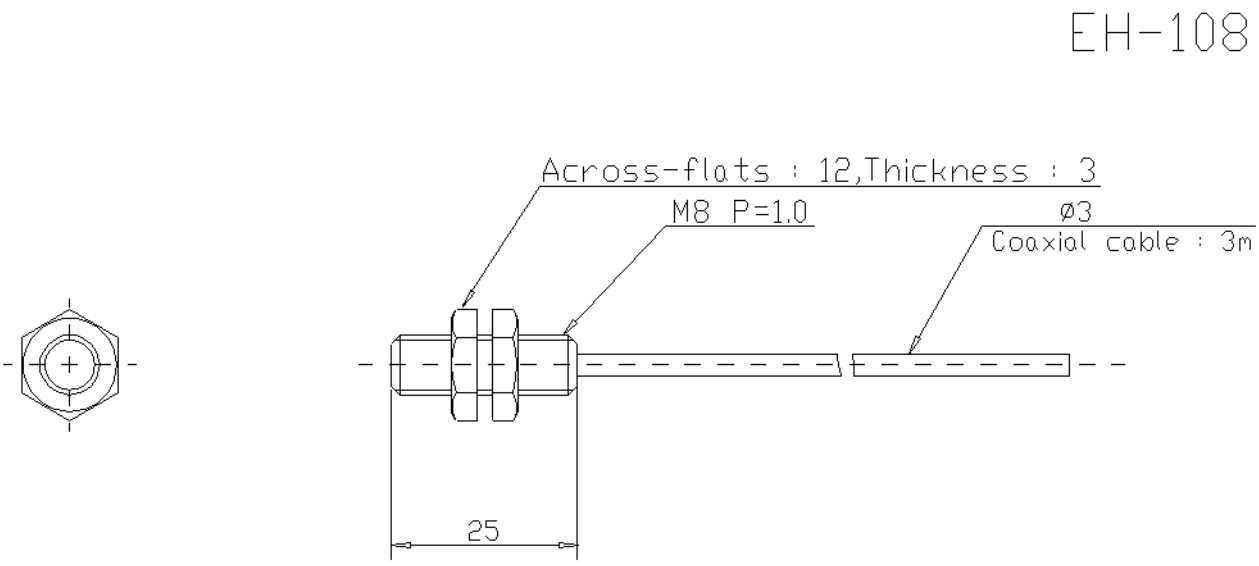
Specifications

Model		EH-108
Type		Oil-resistant, Shielded, Threaded*1
Detectable object		Ferrous metals (see Characteristics for nonferrous metals)
Standard target (iron, t=1 mm 0.04")		10 x 10 mm 0.39" x 0.39"
Stable detecting range		0 to 1.5 mm0.06"
Maximum detecting distance		2.5 mm0.10"
Hysteresis		0.07 mm0.003"
Repeatability		0.005 mm0.0002"
Temperature characteristics		±10% max. of detecting distance at 23°C 73.4°F, within -10 to +60°C 14 to 140°F
Environmental resistance	Enclosure rating	IP67
	Ambient temperature	-10 to +60 °C 14 to 140 °F (No freezing)
	Relative humidity	35 to 85 % RH (No condensation)
Weight		Approx. 51 g (including nuts and 3-m 9.8' cable)

*1 Not designed for immersed use.

Dimensions

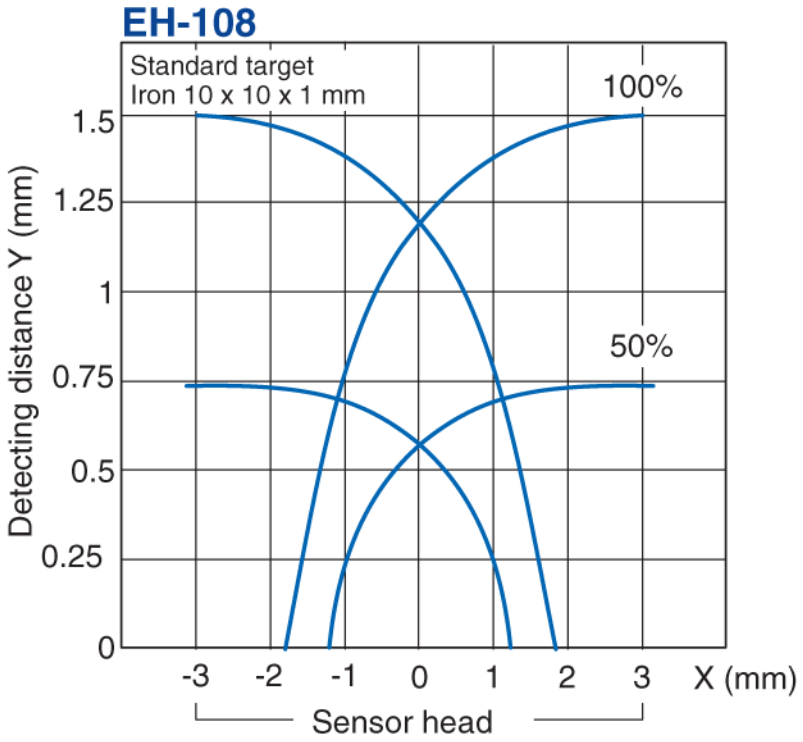
* Download CAD file or product manual for larger image/text and more detail.

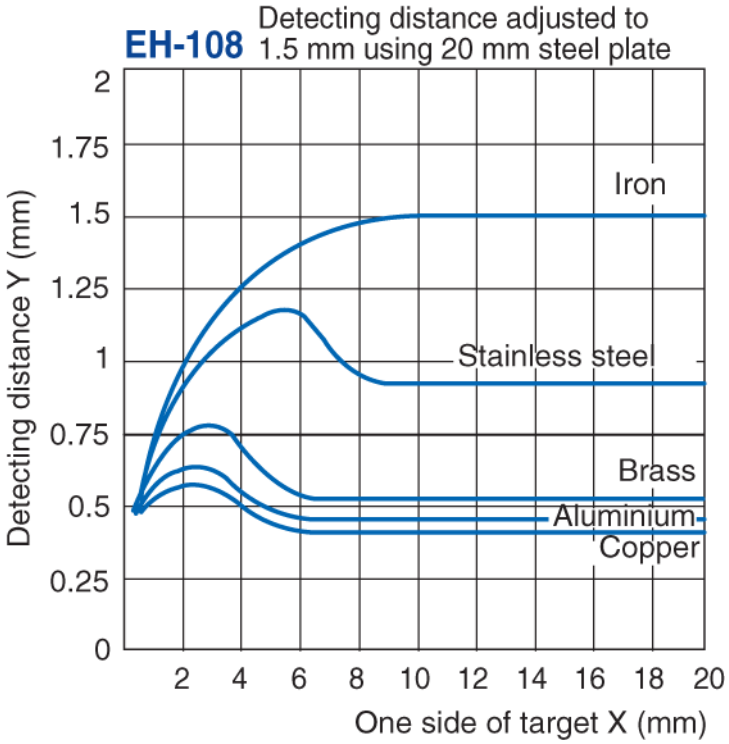


Characteristic

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

Characteristics




EH-108
Detecting distance adjusted to
1.5 mm using 20 mm steel plate
Detecting distance Y (mm)
2
1.75
1.5
1.25
1
0.75
0.5
0.25
0
Iron
Stainless steel
Brass
Aluminium
Copper
2
4
6
8
10
12
14
16
18
20
One side of target X (mm)