



# EH-302

Sensor Head, Shielded Type, f2.8



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

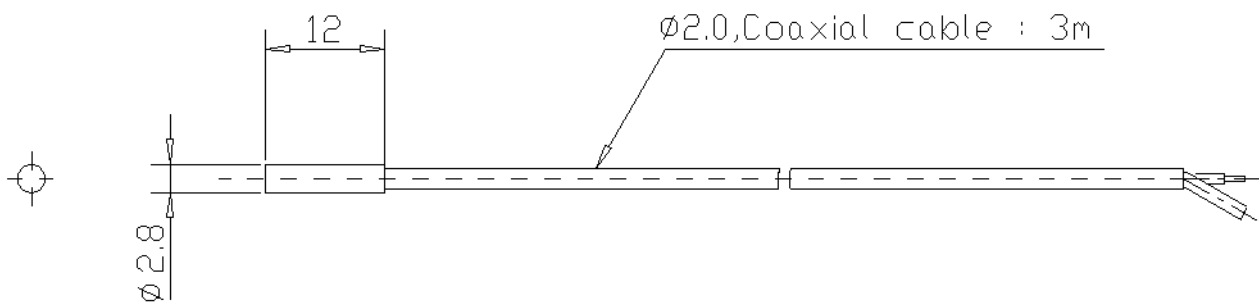
## Specifications

|                                      |                     |                                                                                        |
|--------------------------------------|---------------------|----------------------------------------------------------------------------------------|
| Model                                |                     | EH-302                                                                                 |
| Type                                 |                     | Standard , Shielded , Cylindrical                                                      |
| Detectable object                    |                     | Ferrous metals (see Characteristics for nonferrous metals)                             |
| Standard target (iron, t=1 mm 0.04") |                     | 5 x 5 mm0.02"                                                                          |
| Stable detecting range               |                     | 0 to 0.6 mm0.02"                                                                       |
| Maximum detecting distance           |                     | 1.2 mm0.05"                                                                            |
| Hysteresis                           |                     | 0.04 mm0.002"                                                                          |
| Repeatability                        |                     | 0.002 mm0.00008"                                                                       |
| Temperature characteristics          |                     | -10 to +20% 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. 29 g (including 3-m 9.8' cable)                                                |

## Dimensions

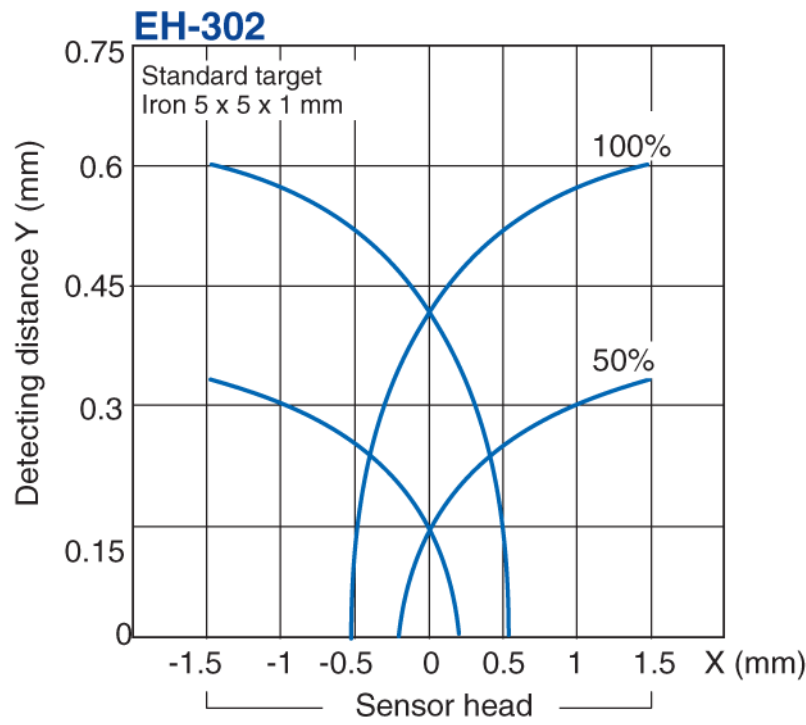
\* Download CAD file or product manual for larger image/text and more detail.

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# Characteristic

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Detecting distance vs. size and material of target (Typical)

