

# Data sheet

|                                 |   |
|---------------------------------|---|
| Wire type and power             | DC 3-wire type 12-24VDC $\overline{\text{---}}$ |
| Sensing side diameter           | M12   |
| Sensing distance                | 8mm   |
| Installation                    | Non-shield(non-flush)                           |
| Standard sensing target         | 25×25×1mm(iron)                                 |
| Response frequency              | 400Hz   |
| Current specification           | Current consumption: Max. 10mA                  |
| Control output                  | NPN Normally Closed                             |
| Material                        | Brass(nickel plated)                            |
| Cable Standard/material         | Standard connector                              |
| Protection structure            | IP67  |
| Body length                     | Standard type                                   |
| Environment_Ambient temperature | -25 to 70°C, storage: -30 to 80°C               |
| Environment_Ambient humidity    | 35 to 95% RH, storage: 35 to 95% RH             |
| Hysteresis(distance)            | Max. 10% of sensing distance                    |
| Residual voltage                | Max. 1.5V                                       |
| Weight                          | ≈ 20g (≈ 49g)                                   |

※The response frequency is the average value. The standard sensing target is used and the width is set as 2 times of the standard sensing target, 1/2 of the sensing distance for the distance.

※The weight includes packaging. The weight in parenthesis is for unit only.

※The temperature or humidity mentioned in Environment indicates a non freezing or condensation.