

# Data sheet

|                                 |  |
|---------------------------------|--|
| Wire type and power             | DC 3-wire type 12-24VDC ---  |
| Sensing side diameter           | M12  |
| Sensing distance                | 4mm  |
| Installation                    | Non-flush  |
| Standard sensing target         | 12×12×1mm(iron)  |
| Response frequency              | 500Hz  |
| Current specification           | Current consumption: Max. 10mA   |
| Control output                  | NPN Normally Open  |
| Material                        | Case/Nut: Nickel plated Brass, (connector case of DIA. of sensing side $\varnothing$ 8 mm: SUS303), washer: Nickel plated Iron, sensing side: polybutylene terephthalate, standard cable (black): polyvinyl chloride (PVC), oil resistant cable (gray): oil resistant polyvinyl chloride (PVC) |
| Cable Standard/material         | Standard cable   |
| Protection structure            | IP67(IEC standard)   |
| Body length                     | Long body  |
| 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                          | Approx. 88g(approx. 76g)   |

※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.