

# Data sheet

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Wire type and power             | DC 3-wire type 12-24VDC ---         |
| Sensing side diameter           | M18                                 |
| Sensing distance                | 14mm                                |
| Installation                    | Non-shield(non-flush)               |
| Standard sensing target         | 40×40×1mm(iron)                     |
| Response frequency              | 200Hz                               |
| Current specification           | Current consumption: Max. 10mA      |
| Control output                  | NPN Normally Open                   |
| Material                        | Brass(nickel plated)                |
| Cable Standard/material         | Standard cable                      |
| 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                          | ≈ 97g (≈ 115g)                      |

※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.