

# Data sheet

|                                 |   |
|---------------------------------|---|
| Wire type and power             | DC 3-wire type 12-24VDC $\overline{\text{---}}$   |
| Sensing side diameter           | M18   |
| Sensing distance                | 7mm   |
| Installation                    | Flush   |
| Standard sensing target         | 20×20×1mm(iron)   |
| Response frequency              | 250Hz   |
| Current specification           | IO-Link mode: $\leq 25$ mA, SIO mode: $\leq 20$ mA  |
| Control output                  | Max. 100mA  |
| Material                        | Standard cable(Black): Polyvinyl chloride(PVC),<br>Oil resistant cable(Gray): Polyvinyl chloride(Oil resistant PVC),<br>Case/Nut: Nikel plated Brass, Washer: Nikel plated Iron, Sensing surface: PBT |
| Cable Standard/material         | Standard cable  |
| Protection structure            | IP67(IEC standard)  |
| Body length                     | Standard type   |
| Environment_Ambient temperature | -25 to 70°C, storage: -25 to 70°C   |
| Environment_Ambient humidity    | 35 to 95% RH, storage: 35 to 95% RH   |
| Hysteresis(distance)            | Max. 10% of sensing distance  |
| Residual voltage                | Max. 2V   |
| Weight                          | $\approx 97$ g ( $\approx 115$ g)   |