

**Technical data :**

|                               |                      |
|-------------------------------|----------------------|
| Rated operating distance (Sn) | 2,5 mm               |
| Mounting mode                 | Flush                |
| Output type                   | Analog PBNP 0...10 V |
| Function                      | PNP Analogique       |
| Operating voltage             | 14...30V DC          |
| No-load consumption           | < 14 mA              |
| Ambient temperature range     | -20...70 °C          |
| Repeatability                 | < 0,02 mm            |
| Minimum load resistance       | 900 Ohm (11mA maxi)  |
| Detection range               | 0,3...2,5 mm         |
| Linear zone                   | 0,4...1,5 mm         |
| Output residual ripple        | < 150 mV             |
| Maximum offset error          | < 500 mV             |
| Linearity error (linear zone) | +/- 5 %              |
| Signal verticality            | 5 V/ms               |

**Protection :**

|                              |                        |
|------------------------------|------------------------|
| Reverse polarity protection  |                        |
| Short-circuit protection     |                        |
| Overload protection          |                        |
| IEC 61000-4-2 (ESD)          | 4 kV contact / 8kV air |
| IEC 61000-4-4 (Burst)        | 2kV / 5kHz             |
| IEC 61000-4-6 (RF conducted) | 3V 150kHz...80MHz      |
| Protection degree            | IP67                   |

**Materials :**

|              |                      |
|--------------|----------------------|
| Housing      | Brass, nickel-plated |
| Sensing face | PA                   |

**Connection :**

|              |                              |
|--------------|------------------------------|
| Cable        | PVC (3x0,25mm <sup>2</sup> ) |
| Cable length | 2 m                          |

**Accessories (included) :**

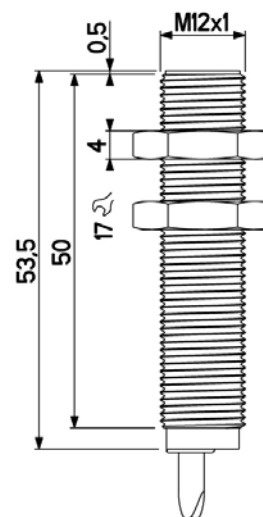
2 nickel-plated brass fixing nuts

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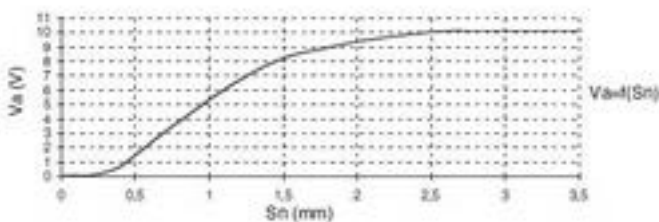
M12



**Dimensions :**



**Response curve :**



**Connection diagram :**

