


# XS605R1PAL5

Miniature inductive sensor, M5, L31mm, stainless, Sn1.5mm, cable 5m

COMMERCIALISED

## Main

| | |
|---|---|
| Range of product | Telemecanique Inductive proximity sensors XS |
| Series name | miniature format |
| Sensor type | inductive proximity sensor |
| Sensor name | XS6 |
| Sensor design | cylindrical M5 |
| Size | 30 mm |
| Body type | fixed |
| Type of output signal | discrete |
| Wiring technique | 3-wire |
| Discrete output function | 1 NO |
| Detector flush mounting acceptance | quasi flush mountable |
| Discrete output type | PNP |
| Material | stainless steel |
| Electrical connection | Cable |
| Output circuit type | DC |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Switching capacity in mA | <= 100 mA DC with overload and short-circuit protection |

## Complementary

| | |
|---|---|
| Enclosure material | stainless steel 303 |
| Detection face | frontal |
| Thread type | M5 x 0.5 |
| Front material | PBT |
| Differential travel | 1...20 % of Sr |

| | |
|---|---|
| Cable composition | 3 x 0.14 mm² |
| Status LED | Output state: 1 LED (yellow) |
| Wire insulation material | PVC |
| Switching frequency | <= 5000 Hz |
| Voltage drop | <1,5V |
| Current consumption | <= 10 mA no-load |
| Delay first up | 50 MILLISECOND |
| Marking | CE<br>UKCA |

## Environment

| | |
|---|---|
| Product certifications | UL |
| Shock resistance | conforming to IEC 60947-5-2 |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
Neither TMSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Updated: 28/02/2025