# TF22S-5NCGR-3U12

Mind O≠0, I≠l≠1, S≠5, B≠8.

# Intelligent Touch Button
## **5-Wire DC Static**
## Annular bezel: *Flush*

| | |
|---|---|
| Activation | touch |
| Thread | M22×1 |
| Operating mode | static |
| Operating voltage $V_+$ | 10...35 $V_{DC}$ |
| Reverse polarity protection | built-in |
| Current consumption | <50 mA @ 35 $V_{DC}$ |
| Current load capability | 200 mA |
| Short circuit protection | built-in – self resetting |
| Input threshold high\|low | 0.45 × $V_+$ \| 0.55 × $V_+$ |
| Impedance | 15 kΩ |
| Output polarity | NPN |
| Output function | ⎍ normally closed |
| Number of operations | $10^8$...$10^9$ |
| Indicator LED aux 1↔aux 2 | green↔red |
| Operating temperature | −40...+60 °C |
| IP Code (front) | IP 69k |
| IP Code (rear) | IP 67 |
| IK impact protection (front) | IK 09 |
| Sensing face material | polycarbonate |
| Annular bezel material | stainless steel 1.4305 |
| Connection | 30 cm cable, M12 |
| Complies with | CE, RoHS |

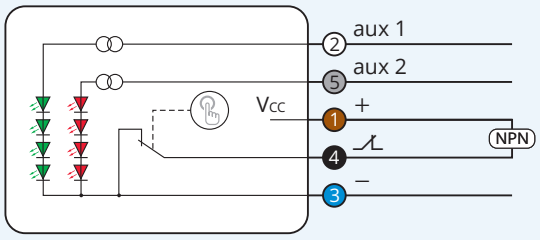
aux 1

aux 2

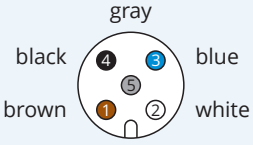
The photos show the same model with M8 male connector and with a pictogram as a sample.

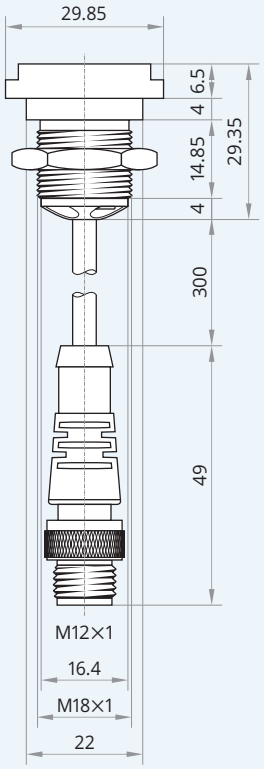
**Warranty** Our products are manufactured to stringent ISO 9001 European standards to ensure that our customers only receive the best quality.

Wiring diagram




Pinout




Caution! This device shall not be used if the safety of persons rely on its faultless function.

XECRO reserves the right to make minor changes without prior notification.