

dimensions **M30 x 1.5mm**

switching distance flush **10mm**

- ✓ **robust stainless-steel housing**
- ✓ **active surface made of Vectra®**
- ✓ **2m silicone cable**
- ✓ **M12-connector**



sensor applicable up to +230°C
amplifier integrated in the connector

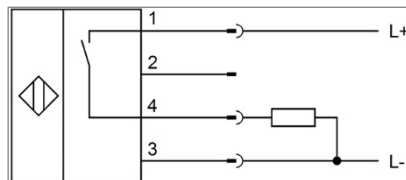


Technical Data

IB30012T

| | |
|------------------------------------|--------------------------------|
| nominal switching distance | 10mm |
| mounting | flush |
| operating voltage | 10 ... 30V DC |
| current consumption (w/o load) | ≤ 5mA |
| voltage decay (max. load) | ≤ 2V |
| switching output | NO |
| output current | ≤ 100mA |
| switching frequency | ≤ 9Hz |
| hysteresis | ≤ 15% |
| display (signal) | LED yellow |
| short-circuit protection | + |
| reverse polarity protection | + |
| temperature (operating), sensor | 0 ... +230 °C |
| temperature (operating), connector | -20 ... +70 °C |
| material (housing) | stainless steel 1.4305 |
| material (front cap) | Vectra® |
| protection class (EN 60529) | IP 50 |
| connection | 5m Teflon cable, M12-connector |
| connection accessories | e.g. VK200025 |
| mounting accessories | e.g. AY000101 |

connection



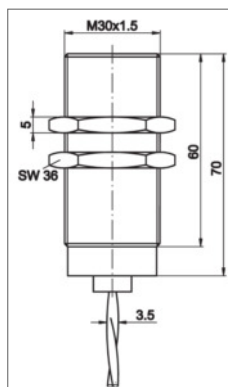
wire colors:

1 = BN(brown), 2 = WH (white),
 3 = BU (blue), 4 = BK (black)

functions:

1 = L+, 2 = n. c., 3 = L-, 4 = PNP NO

dimensional drawing



note

The output stage is integrated in the M12-connector. To guarantee proper functioning of the device, the cable between Lemo-socket and M12-connector may in no case be cut!

The max. ambient temperature of the M12-connector is 70°C.

article-no: **IB30012T**

Warning: Never use these articles in applications where the safety of a person depends on their functionality.

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