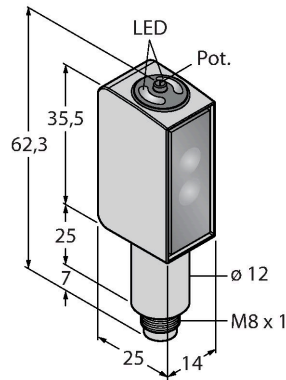


# QMH26VPAF400Q7

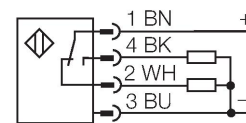
## Photoelectric Sensor – Diffuse Mode Sensor with Adjustable Background Suppression



### Features

- Range: 5 mm - 800 mm
- Range: 5 mm - 800 mm
- Range: 5 mm - 800 mm

### Wiring diagram



### Technical data

|                             |                                    |
|-----------------------------|------------------------------------|
| Type                        | QMH26VPAF400Q7                     |
| ID no.                      | 3028787                            |
| <b>Optical data</b>         |                                    |
| Function                    | Proximity switch                   |
| Operating mode              | Background suppression, adjustable |
| Light type                  | Red                                |
| Wavelength                  | 620 nm                             |
| Range                       | 5...400 mm                         |
| <b>Electrical data</b>      |                                    |
| Operating voltage           | 10...30 VDC                        |
| Residual ripple             | < 10 % U <sub>ss</sub>             |
| No-load current             | ≤ 20 mA                            |
| Short-circuit protection    | yes                                |
| Reverse polarity protection | yes                                |
| Output function             | Complementary contact, PNP         |
| Current output              | 100 mA                             |
| Switching frequency         | 2 kHz                              |
| Readiness delay             | ≤ 300 ms                           |
| Response time typical       | < 0.5 ms                           |
| Setting option              | Screw Adjustment                   |
| <b>Mechanical data</b>      |                                    |
| Design                      | Rectangular, QMH26                 |
| Dimensions                  | 20.3 x 14 x 32.6 mm                |
| Housing material            | Metal, Stainless steel, Grey       |
| Lens                        | acrylic, PMMA                      |
| Electrical connection       | Connectors, M8 × 1, PVC            |

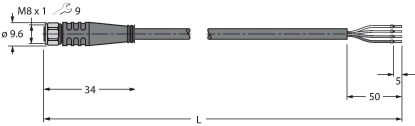
Technical data

|                        |                                                           |
|------------------------|-----------------------------------------------------------|
| Number of cores        | 4                                                         |
| Ambient temperature    | -30...+70 °C                                              |
| Protection class       | IP69                                                      |
| Special features       | Chemical-resistant<br>Wash down<br>Resistant to chemicals |
| Power-on indication    | LED, Green                                                |
| Switching state        | LED, Yellow                                               |
| Excess gain indication | LED                                                       |
| Tests/approvals        |                                                           |
| Approvals              | CE, cULus listed, ECOLAB                                  |

Accessories

|                 |         |                                                         |         |
|-----------------|---------|---------------------------------------------------------|---------|
| SMBQMH26-SS-150 | 3042371 | SMBLSTDQ26                                              | 3018180 |
|                 |         | Mounting bracket, stainless steel, rectangular, for Q26 |         |
| SMBLSTQ26       | 3019506 |                                                         |         |
|                 |         | Mounting bracket, stainless steel, for Q26              |         |

Accessories

| Dimension drawing                                                                   | Type         | ID no.  |                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------|--------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | PKGV4M-2/TXL | 6626533 | Connection cable, female M8, straight, 4-pin, stainless steel coupling nut, cable length: 2 m, jacket material: PUR, black; cULus approval; other cable lengths and qualities available, see <a href="http://www.turck.com">www.turck.com</a> |
|                                                                                     |              |         |                                                                                                                                                                                                                                               |