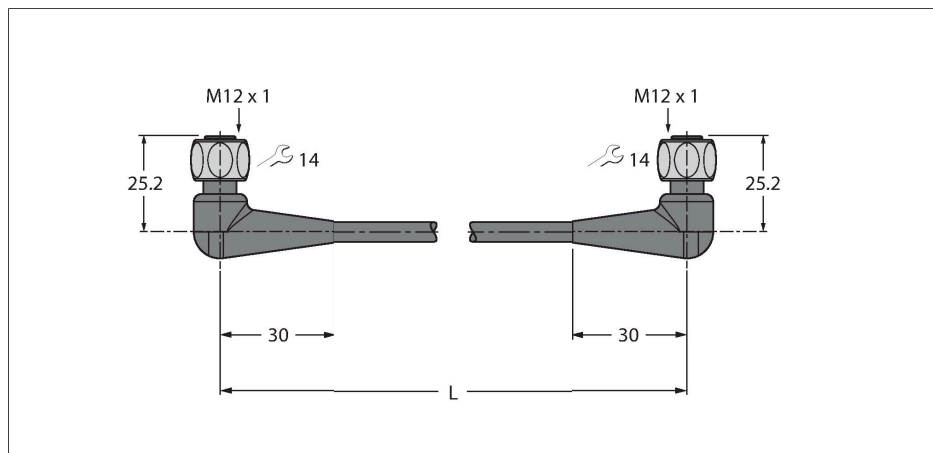


# WKH4.4-P7X2-2-WKH4.4-P7X2/TFE

## Food & Beverage Hygienic, PVC – Extension Cable



### Features

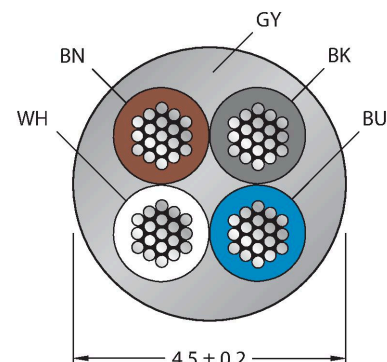


- M12 female connector, angled, 4-pin
- With 2-color LED (PNP, yellow, green)
- Stainless steel coupling nut/screw
- M12 female, angled, 4-pin
- Jacket material: PVC
- Jacket color: gray RAL 7040
- Resistant to acids and alkalis
- Resistant to oils and chemicals
- Flame-retardant acc. to DIN EN 60332 1-2, DIN EN 60332 2-2, VDE 0482 332-1-2, VDE 0482 332-2-2
- Approvals: Gost, Ecolab
- RoHS and REACH compliant
- Protection class IP67/IP69K
- Cable length: 2.0 m

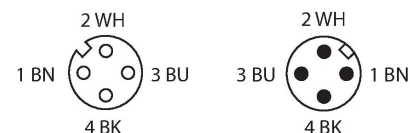
### Technical data

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Type                         | WKH4.4-P7X2-2-WKH4.4-P7X2/TFE                              |
| ID                           | 100000182                                                  |
| Connector A                  | Female, M12 × 1, Angled                                    |
| Number of pins               | 4                                                          |
| Contacts                     | Brass, CuZn, Gold-plated                                   |
| Contact carriers             | Plastic, PP, Gray                                          |
| Connector body               | Plastic, PP, Transparent                                   |
| Coupling nut/screw           | Stainless Steel, V4A                                       |
| Seal                         | Plastic, FPM/FKM                                           |
| Tightening torque (range)    | 0.8 ... 1 Nm<br>(observe max. torque of mating connector!) |
| LED display                  | dual LED                                                   |
| Display operating voltage    | LED, Green                                                 |
| Display switch state         | LED, Yellow                                                |
| Mechanical lifespan          | > 100 Mating cycles                                        |
| Pollution degree             | 3                                                          |
| Protection class             | IP67, IP69K, Only in screwed condition                     |
| Connector B                  | Female, M12 × 1, Angled                                    |
| Number of Pins               | 4                                                          |
| Contacts                     | Brass, CuZn, Gold-plated                                   |
| Contact carriers             | Plastic, PP, Gray                                          |
| Connector body               | Plastic, PP, Transparent                                   |
| Coupling nut/retaining screw | Stainless Steel, V4A                                       |
| Seal                         | Plastic, FPM/FKM                                           |
| Operating voltage            | LED, Green                                                 |
| Display switch state         | LED, Yellow                                                |
| Mechanical life              | > 100 Mating cycles                                        |

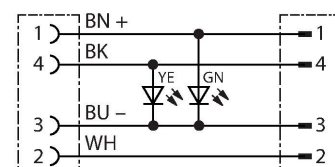
### Cable Cross-Section



### Contact assignment



### Circuit Diagram



Technical data

|                                          |                                  |
|------------------------------------------|----------------------------------|
| Pollution degree                         | 3                                |
| Protection class                         | IP67, Only when screwed together |
| Cable                                    |                                  |
| Cable diameter                           | Ø 4.5 mm ±0.20                   |
| Cable length                             | 2 m                              |
| Cable jacket                             | PVC, Gray                        |
| Core insulation                          | PVC                              |
| Core cross-section                       | 4 x 0.34 mm²                     |
| Arrangement of strands                   | 19 x 0.15 mm                     |
| Core colors                              | BN, WH, BU, BK                   |
| Electrical properties at +20 °C          |                                  |
| Rated voltage                            | 30 V                             |
| Test voltage                             | 1500 V                           |
| Current                                  | 4 A                              |
| Insulation resistance                    | ≥ ≥ 10⁸ Ω                        |
| Mechanical and chemical properties       |                                  |
| Bending radius (stationary installation) | ≥ 3 x Ø                          |
| Bending radius (flexible use)            | ≥ 10 x Ø                         |
| Ambient temperature (fixed)              | -25...+80 °C                     |
| Ambient temperature (mobile)             | 0...+80 °C                       |

Accessories

|                                                                                                                       |         |
|-----------------------------------------------------------------------------------------------------------------------|---------|
| TORQUE-WRENCH-SET-AS                                                                                                  | 6936170 |
| Torque wrench set; handles with adjustable torque 0.4-1.0 Nm, torque wrench for M8 (SW9), fork wrench for M12 (SW 14) |         |