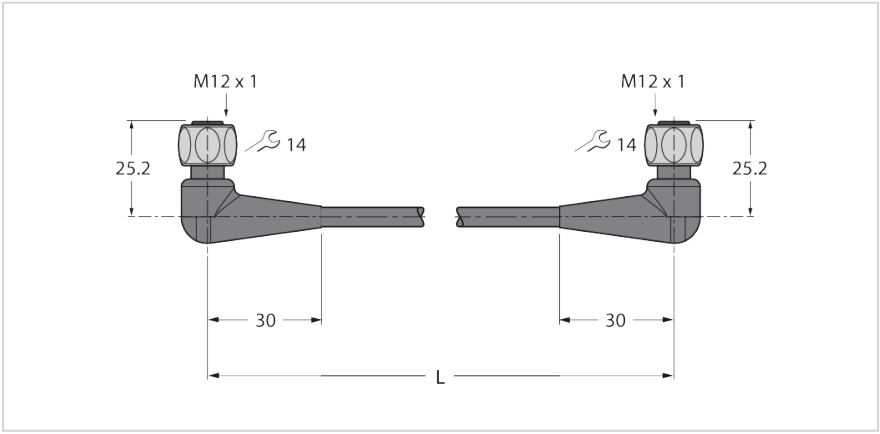
**WKH4.4-P7X2-50-WKH4.4-P7X2/TFE**

# Food & Beverage Hygienic / PVC
## Extension Cable




| Type designation | WKH4.4-P7X2-50-WKH4.4-P7X2/TFE |
|---|---|
| Ident-No. | 100000172 |

## Technical data

| | |
|---|---|
| **Electrical data** | |
| Current | 4 A |
| Rated voltage | 30 V |
| Insulation resistance | ≥ $10^8$ Ω Ω |
| Test voltage | 1500 V |
| **Mechanical data** | |
| Bending radius (stationary installation) | ≥3 x Ø |
| Bending radius (flexible use) | ≥10 x Ø |
| **Connector A** | |
| Mechanical lifespan | > 100 Mating cycles |
| Connector A | Female, M12 x 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 |
| LED display | dual LED |

## Features

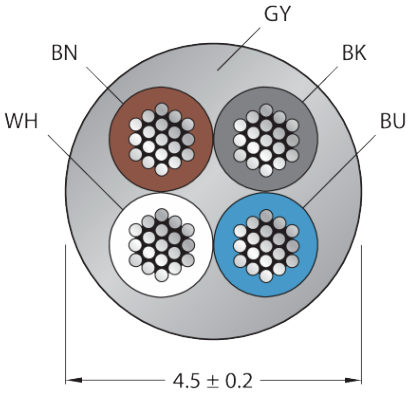
- M12 female connector, angled, 4-pin
- With 2-color LED (PNP, yellow, green)
- Stainless steel coupling nut/screw
- M12 female, angled, 4-pin
- Jacket material: PVC
- Jacket color: gray RAL 7040
- Resistant to acids and alkalis
- Resistant to oils and chemicals
- Flame-retardant acc. to DIN EN 60332 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: 50 m

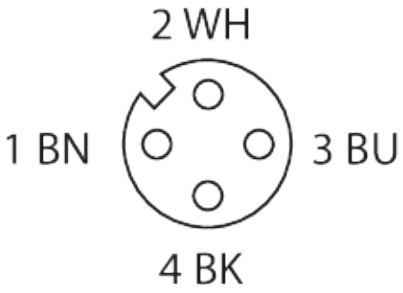
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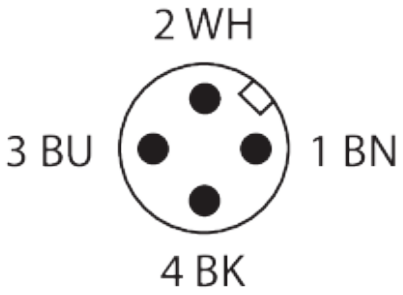
## Technical data

| | |
|---|---|
| Display operating voltage | LED, Green |
| Display switch state | LED, Yellow |
| Search/warning signal indicator | LED, Yellow |
| Pollution degree | 3 |
| Protection class | IP67, IP69K, Only in screwed condition |
| **Connector B** | |
| Mechanical lifespan | > 100 Mating cycles |
| Connector B | Female, M12 x 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 |
| Pollution degree | 3 |
| Protection class | IP67, Only when screwed together |
| **Cable** | |
| Cable diameter | 4,5 mm ±0.20 |
| Cable length | 50 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 |
| **Ambient conditions** | |
| Ambient temperature (mobile) | 0...+80 °C |
| Ambient temperature (fixed) | -25...+80 °C |
| **Comments** | |
| Packaging unit | 1 |

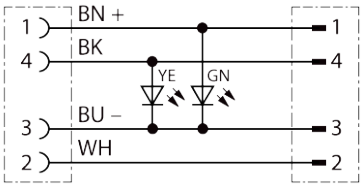
## Cable Cross-Section




## Circuit Diagram




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## Mounting 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) |

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