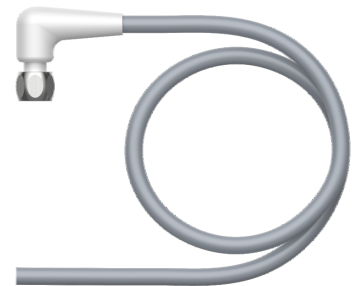
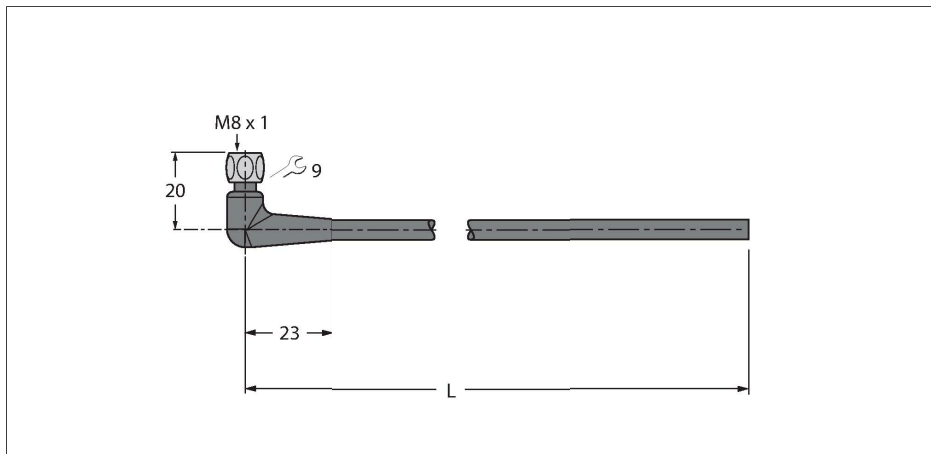


# PKWH3M-15/TFE

## Food & Beverage Hygienic, PVC – Connection Cable



### Technical data

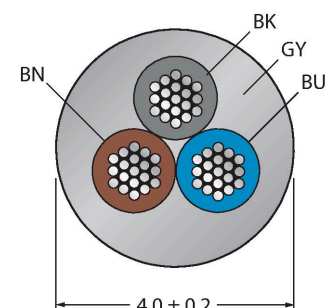
|                                        |                                                              |
|----------------------------------------|--------------------------------------------------------------|
| Type                                   | PKWH3M-15/TFE                                                |
| ID                                     | 6934448                                                      |
| Connector A                            | Female, M8 × 1, Angled                                       |
| Number of Pins                         | 3                                                            |
| Contacts                               | Brass, CuZn, Gold-plated                                     |
| Contact carriers                       | Plastic, PP, Gray                                            |
| Connector body                         | Plastic, PP, Gray                                            |
| Coupling nut/screw                     | Stainless Steel, V4A                                         |
| Seal                                   | Plastic, FPM/FKM                                             |
| Tightening torque (range)              | 0.5 ... 0.6 Nm<br>(observe max. torque of mating connector!) |
| Mechanical lifespan                    | > 100 Mating cycles                                          |
| Pollution degree                       | 3                                                            |
| Protection class                       | IP65, IP67, IP68, IP69, Only in screwed condition            |
| <b>Cable</b>                           |                                                              |
| Cable diameter                         | Ø 4 mm ±0.20                                                 |
| Cable length                           | 15 m                                                         |
| Cable jacket                           | PVC, Gray                                                    |
| Core insulation                        | PVC                                                          |
| Core cross-section                     | 3 x 0.25 mm²                                                 |
| Arrangement of strands                 | 14 x 0.15 mm                                                 |
| Core colors                            | BN, BU, BK                                                   |
| <b>Electrical properties at +20 °C</b> |                                                              |
| Rated voltage                          | 60 V                                                         |
| Test voltage                           | 1500 V                                                       |
| Current                                | 4 A                                                          |

### Features



- M8 female connector, angled, 3-pin
- Stainless steel coupling nut/screw
- 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: 15 m

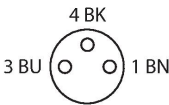
### Cable Cross-Section



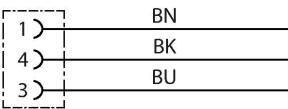
### Contact assignment

Technical data

|                                          |                              |
|------------------------------------------|------------------------------|
| Insulation resistance                    | $\geq 10^8 \Omega$           |
| Mechanical and chemical properties       |                              |
| Bending radius (stationary installation) | $\geq 3 \times \varnothing$  |
| Bending radius (flexible use)            | $\geq 10 \times \varnothing$ |
| Ambient temperature range (stationary)   | -25...+80 °C                 |
| Ambient temperature range (In motion)    | 0...+80 °C                   |



Circuit Diagram



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) |         |