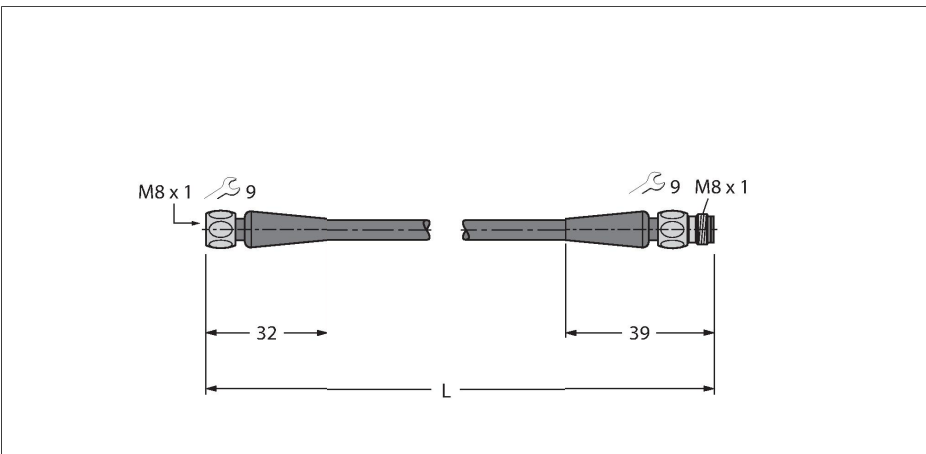


# PKGH4M-2-PSGH4M/TFE

## Food & Beverage Hygienic, PVC – Extension Cable



### Features

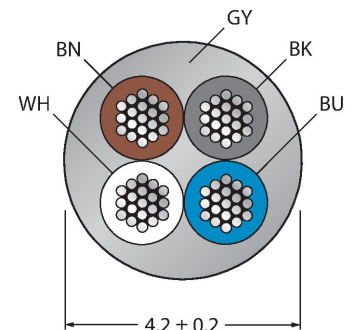


- M8 female connector, straight, 4-pin
- Stainless steel coupling nut/screw
- M8 male connector, straight, 4-pin
- Jacket material: PVC
- Jacket color: gray RAL 7040
- Resistant to acids and alkalis
- Resistant to oils and chemicals
- Flame-retardant acc. to DIN EN 60332 1-2, DIN EN 60332 2-2, VDE 0482 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                         | PKGH4M-2-PSGH4M/TFE                                          |
| ID                           | 6935479                                                      |
| Connector A                  | Female, M8 × 1, Straight                                     |
| Number of Pins               | 4                                                            |
| 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            |
| Connector B                  | Male, M8 × 1, Straight                                       |
| Number of pins               | 4                                                            |
| Contacts                     | Brass, CuZn, Gold-plated                                     |
| Contact carriers             | Plastic, PP, Gray                                            |
| Connector body               | Plastic, PP, Gray                                            |
| Coupling nut/retaining screw | Stainless Steel, V4A                                         |
| Tightening torque            | 0.5 ... 0.6 Nm (observe max. torque of mating connector!)    |
| Mechanical life              | > 100 Mating cycles                                          |
| Pollution degree             | 3                                                            |
| Protection class             | IP65, IP67, IP68, IP69, Only when screwed together           |

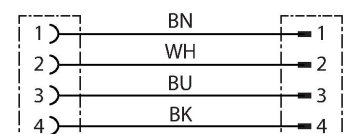
### Cable Cross-Section



### Contact assignment



### Circuit Diagram



## Technical data

|                                           |                          |
|-------------------------------------------|--------------------------|
| <b>Cable</b>                              |                          |
| Cable diameter                            | Ø 4.2 mm ±0.20           |
| Cable length                              | 2 m                      |
| Cable jacket                              | PVC, Gray                |
| Core insulation                           | PVC                      |
| Core cross-section                        | 4 x 0.25 mm <sup>2</sup> |
| Arrangement of strands                    | 14 x 0.15 mm             |
| Core colors                               | BN, WH, BU, BK           |
| <b>Electrical properties at +20 °C</b>    |                          |
| Rated voltage                             | 30 V                     |
| Test voltage                              | 1500 V                   |
| Current                                   | 4 A                      |
| Insulation resistance                     | ≥ 10 <sup>8</sup> Ω      |
| <b>Mechanical and chemical properties</b> |                          |
| Bending radius (stationary installation)  | ≥ 3 x Ø                  |
| Bending radius (flexible use)             | ≥ 10 x Ø                 |
| Ambient temperature range (stationary)    | -25...+80 °C             |
| Ambient temperature range (In motion)     | 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) |         |