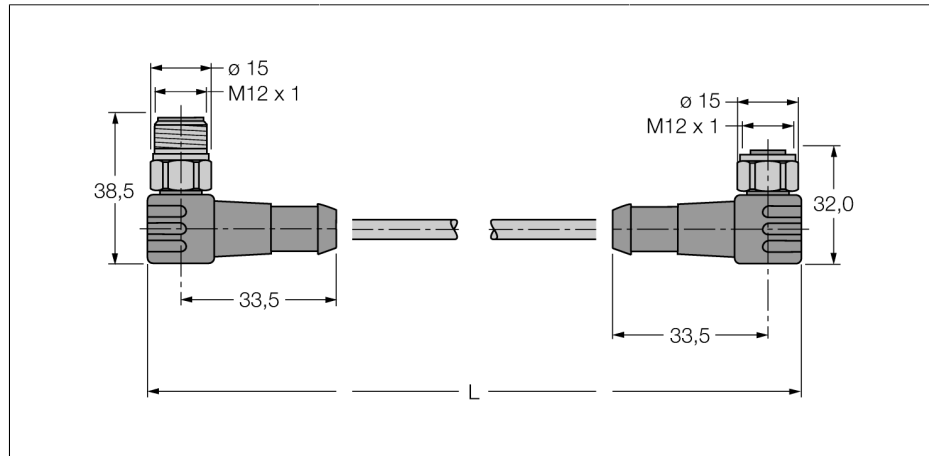


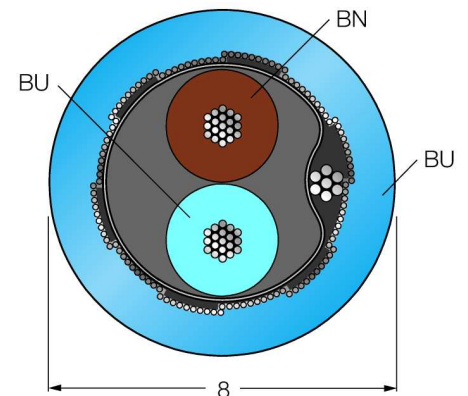
**Fieldbus cables for fieldbus systems  
according to IEC61158-2, 4-pole  
WSCV-WKCV-FBY48BU-2M/5D**

- Fieldbus cable, type A, acc.to IEC 61158-2
- PVC jacket, blue
- Oil, gas and sunlight resistant
- Temperature range -40...+75 °C
- Cable cross section: 18/7 AWG (0.8 mm<sup>2</sup>)
- M12 x 1 female, angled, stainless steel
- M12 male, angled, stainless steel
- Cable length 2 m

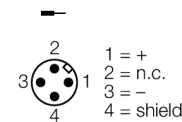


|  |  |
|--|--|
| <b>Type code</b>                       | WSCV-WKCV-FBY48BU-2M/5D  |
| Ident no.                              | 8900498  |
| <b>Connector A side</b>                |  |
| Number of pins                         | male connector, M12 x 1, angled<br>4                               |
| Contacts                               | metal, CuZn, gold-plated   |
| Contact carriers                       | plastic, TPU, black  |
| Grip                                   | plastic, PUR, black  |
| Coupling nut/screw                     | 1.4404   |
| Protection class                       | IP67   |
| <b>Connector B side</b>                |  |
| Number of pins                         | female connector, M12 x 1, angled<br>4                             |
| Contacts                               | metal, CuZn, gold-plated   |
| Contact carriers                       | plastic, TPU, black  |
| Grip                                   | plastic, PUR, black  |
| Coupling nut/screw                     | stainless steel, 1.4404  |
| Protection class                       | IP67   |
| <b>Cable diameter</b>                  |  |
| Cable diameter                         | 7.8mm  |
| Cable length                           | 2m   |
| Cable sheath                           | PVC, blue  |
| Shield                                 | aluminium foil, tinned copper braid and stranded filler drain wire |
| Max. tensile strength                  | ≤ 90 N   |
| Core insulation                        | PE-foam with PE-casing   |
| Core colors                            | BN, BU   |
| Core cross-section                     | 2x0.8mm <sup>2</sup>   |
| DC resistance (loop)                   | 43.6 Ω /km   |
| Nom. Impedance                         | 100 ± 20 (31.25 kBit/s) Ω  |
| <b>Rated voltage [U<sub>max</sub>]</b> |  |
| Ambient temperature at rest            | 300 V  |
| In moving state                        | -40 ... 75°C   |
| UV resistance                          | -5 ... 50°C  |
| resistance to oil                      | gem. UL 1581, section 1200   |
| flame-retardant                        | according to ICEA S82-552<br>according to IEC 60332-1              |

**Conductor cross-section**



**pin configuration left**



**Pin assignment right**

