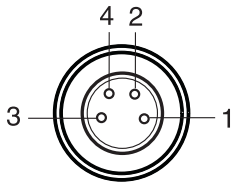
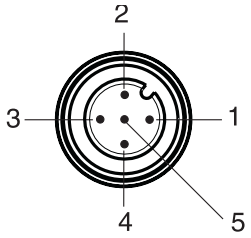
PSS67 Adapter Cable M8-M12

Connector pin assignment

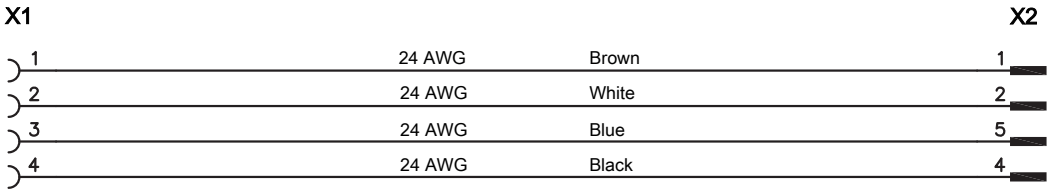


Plan view of plug-in connector X1



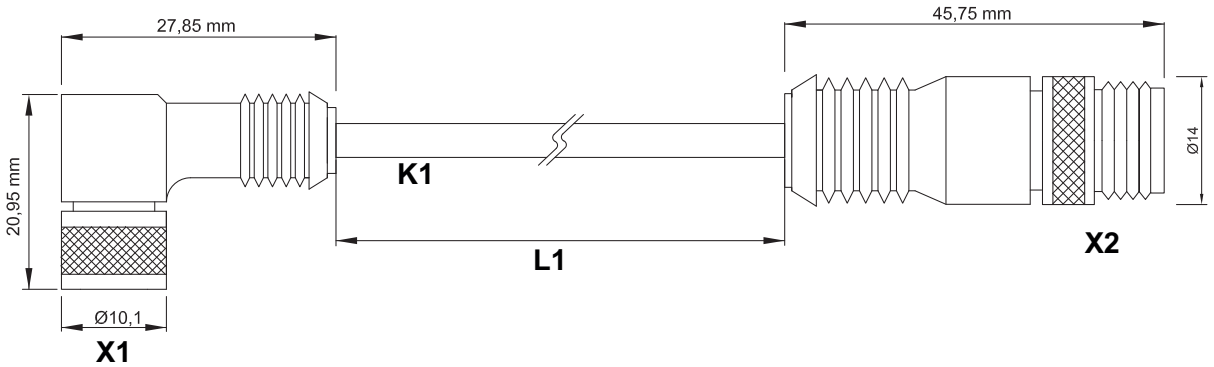
Plan view of plug-in connector X2

Contact assignment



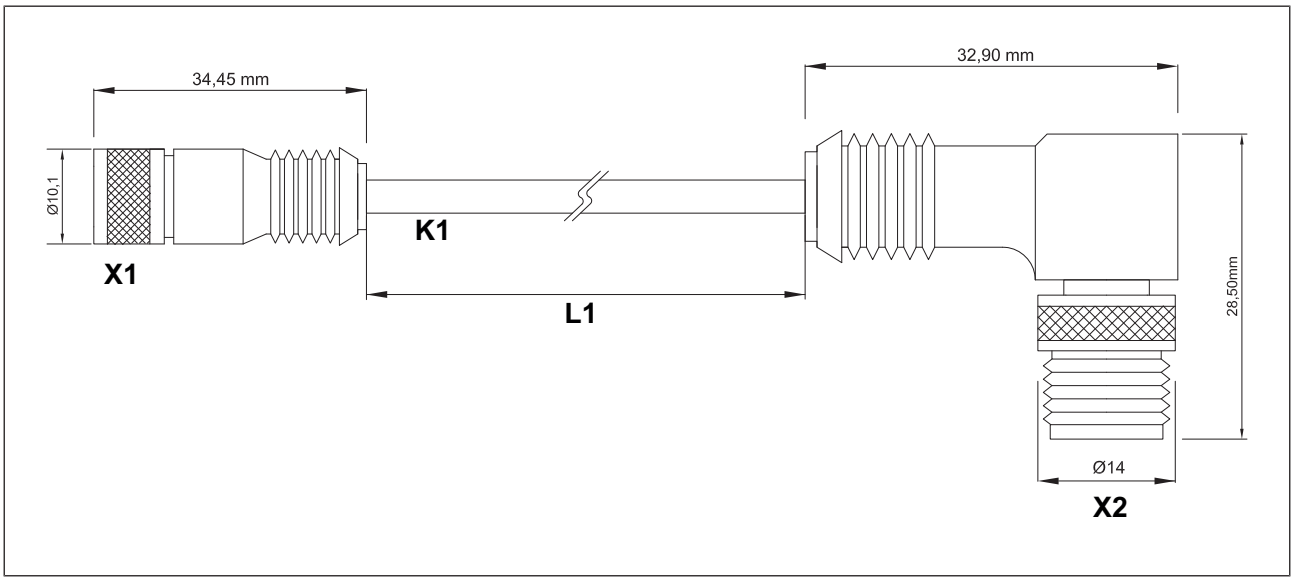
Dimensions

- **M8 male connector, angled – M12 male connector, straight (Order no. 380222):**



PSS67 Adapter Cable M8-M12

M8 female connector, straight – M12 male connector, angled (Order no. 380223):



Technical details

General	380222	380223
Certifications	CE, UKCA	CE, UKCA
Electrical data	**380222**	**380223**
Rated voltage		
Voltage UB	30 V	30 V
Rated current	4 A	4 A
Test voltage	3.000 V	3.000 V
Typ. conductor resistance K1	79 Ohm/km	79 Ohm/km
Insulation resistance	100 MOhm	100 MOhm
Volume resistance	3 mOhm	3 mOhm
Specific volume resistance K1	>= 7E+15 Ohm*cm	>= 7E+15 Ohm*cm
Specific cable capacitance K1	64,6pF/m	64,6pF/m
Environmental data	**380222**	**380223**
Ambient temperature		
Temperature range	-25 - 80 °C	-25 - 80 °C
Airgap creepage		
Pollution degree	3	3
Protection type		
X1 when inserted	IP67	IP67
X2 when inserted	IP67	IP67
Housing	IP67	IP67

PSS67 Adapter Cable M8-M12

Mechanical data	380222	380223
Plug connector X1	**M8, 4-pin female connector**	**M8, 4-pin female connector**
in accordance with the standard	**EN 61076-2-104**	**EN 61076-2-104**
Form, plug-in connector X1	**Angled**	**Straight**
Plug connector X2	**M12, 5-pin male connector**	**M12, 5-pin male connector**
in accordance with the standard	**EN 61076-2-101**	**EN 61076-2-101**
Form, plug-in connector X2	**Straight**	**Angled**
Coding of plug-in connector X2	**A-coded**	**A-coded**
Material of ring nut X1	**GD-Zn, Ni**	**GD-Zn, Ni**
Material of ring nut X2	**GD-Zn, Ni**	**GD-Zn, Ni**
Housing material X1	**PUR**	**PUR**
Housing material X2	**PUR**	**PUR**
Material of contact surface X1	**Au**	**Au**
Material of contact surface X2	**Au**	**Au**
Material of pin	**CuZn**	**CuZn**
Material of socket	**CuSn**	**CuSn**
Conductor material K1	**Cu**	**Cu**
Insulating cover for conductor K1	**PP (9Y)**	**PP (9Y)**
Mating cycles X1	**100**	**100**
Mating cycles X2	**100**	**100**
Cable type K1	**LiF9Y11Y**	**LiF9Y11Y**
Cable length L1	**2 m**	**2 m**
Colour of external cable insulation K1	**Yellow, similar to RAL 1003**	**Yellow, similar to RAL 1003**
Colour of housing	**Black**	**Black**
Cable insulation material K1	**PUR, TPU / TPE-U**	**PUR, TPU / TPE-U**
Drag chain suitable K1	**Yes**	**Yes**
Min. bending radius (fixed permanently) K1	**5 x Ø**	**5 x Ø**
Min. bending radius (moving) K1	**10 x Ø**	**10 x Ø**
Cable diameter K1	**4,6 mm**	**4,6 mm**
Max. cable diameter K1	**4,7 mm**	**4,7 mm**
Conductor cross section K1	**0,25 mm²**	**0,25 mm²**
Conductor cross section AWG K1	**24**	**24**
Wire colour K1	**Brown, white, blue, black**	**Brown, white, blue, black**
Stranding K1	**4 wires**	**4 wires**
Shielding K1	**No**	**No**
Wire layer separation K1	**No**	**No**
No. of wires K1	**4**	**4**
Certification cable K1	**UL AWM-Style 20233, UL/CSA**	**UL AWM-Style 20233, UL/CSA**
Halogen-free	**Yes**	**Yes**
Silicone-free	**Yes**	**Yes**

PSS67 Adapter Cable M8-M12

Mechanical data	380222	380223
Oil resistance	**Resistant**	**Resistant**
Non-flammability	**UL VW1**	**UL VW1**
Material		
Housing	**PUR**	**PUR**
Weight	**70 g**	**70 g**

Order reference

Product type	Features	Order no.
PSS67 Adapter Cable M8af M12sm, 2m	Connection cable, 4-pin M8 female connector, angled, A-coded, on 5-pin M12 male connector, straight, A-coded, cable length: 2m	380222
PSS67 Adapter Cable M8sf M12am, 2m	Connection cable, 4-pin M8 female connector, straight, A-coded, on 5-pin M12 male connector, angled, A-coded, cable length: 2m	380223