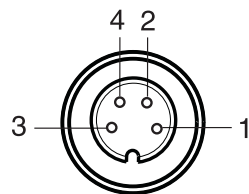
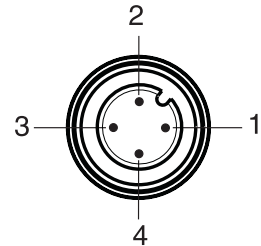
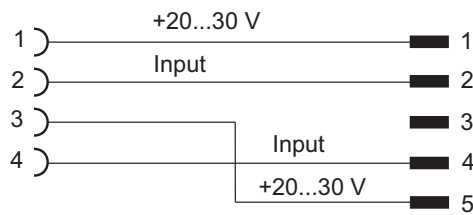


PSS67 Adapter Cable M8-M12

Connector pin assignment



Plan view of plug-in connector X1

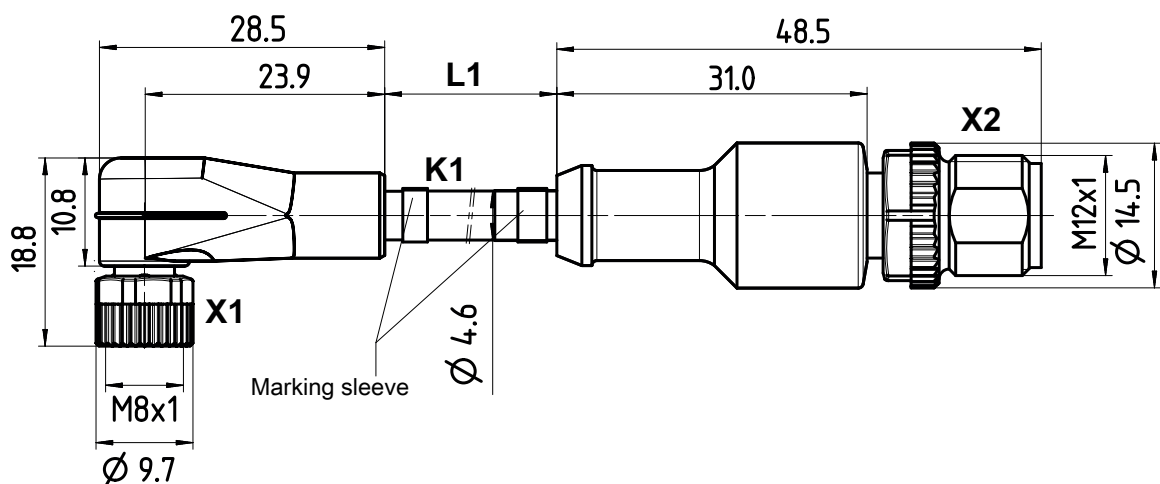


Plan view of plug-in connector X2

X1	Cable	X2
3	blue	5
1	brown	1
2	white	2
4	black	4
	not assembled	3

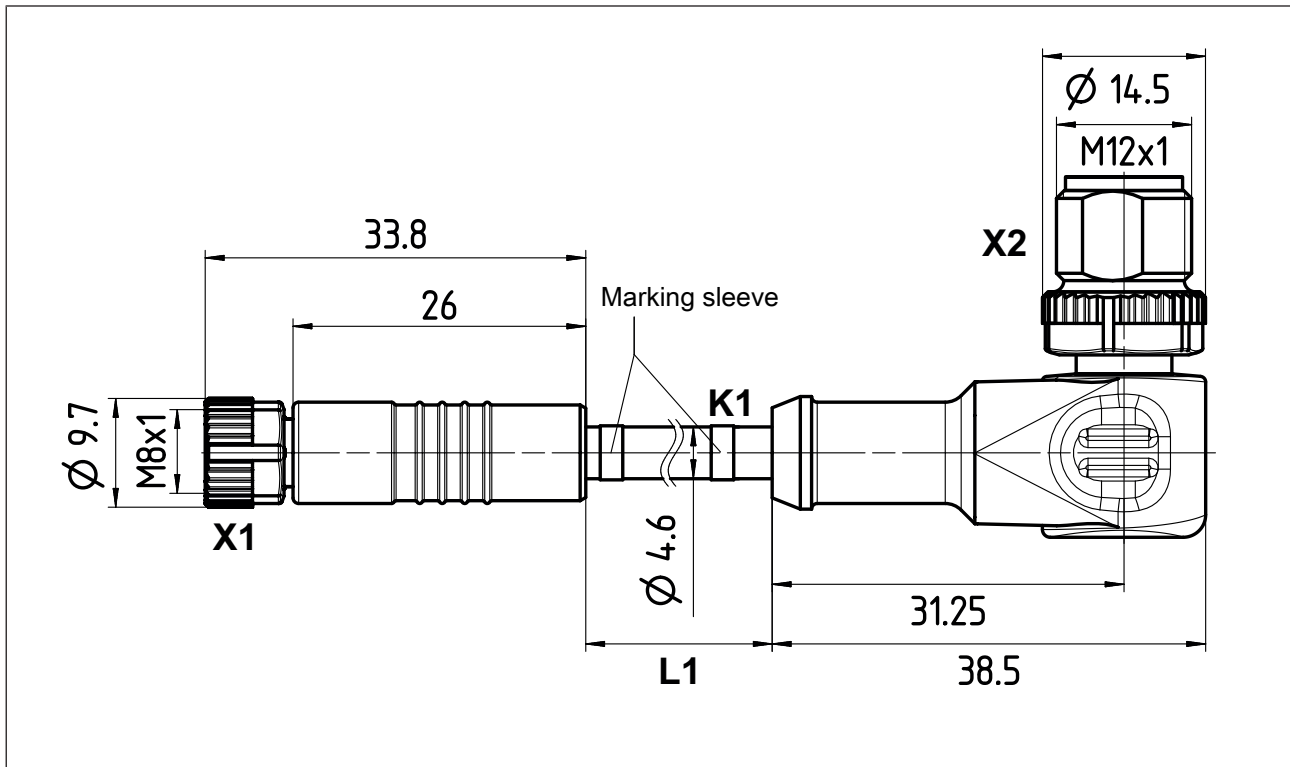
Dimensions

► M8 male connector, angled – M12 male connector, straight:



PSS67 Adapter Cable M8-M12

- M8 female connector, straight – M12 male connector, angled:



Technical details

General	380222	380223
Approvals	-	-
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	$\geq 7E+15 \text{ Ohm*cm}$	$\geq 7E+15 \text{ Ohm*cm}$
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

PSS67 Adapter Cable M8-M12

Environmental data	380222	380223
Protection type		
X1 when inserted	IP67	IP67
X2 when inserted	IP67	IP67
Housing	IP67	IP67
Mechanical data	380222	380223
Plug-in 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-in connector X2	M12, 4-pin male connector	M12, 4-pin male connector
In accordance with the standard	EN 61076-2-101	EN 61076-2-101
Form, plug-in connector X2	Straight	Angled
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 RAL1003	Yellow, similar to RAL1003
Colour of housing	black	black
Min. bending radius (fixed permanently) K1	5 x Ø	5 x Ø
Min. bending radius (moving) K1	10 x Ø	10 x Ø
Cable insulation material K1	PUR, TPU / TPE-U	PUR, TPU / TPE-U
Drag chain suitable K1	yes	yes
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 mm ²	0,25 mm ²
Conductor cross section AWG K1	24	24
Wire colour K1	Brown, white, blue, black	Brown, white, blue, black
Stranding K1	4 cores	4 cores
Shielding K1	No	No
Wire layer separation K1	No	No

PSS67 Adapter Cable M8-M12

Mechanical data	380222	380223
No. of wires K1	4	4
Approval cable K1	UL AWM-Style 20233, UL/CSA	UL AWM-Style 20233, UL/CSA
Halogen-free	yes	yes
Silicone-free	yes	yes
Oil resistance	Resistant	Resistant
Non-flammability	UL VW1	UL VW1
Material		
Housing	PUR	PUR
Weight	70 g	70 g

Order reference

Product type	Features	Connector X1	Connector X2	Order No.
PSS67 Adapter Cable M8af M12sm, 2m	2 m	M8 female connector, angled	M12 male connector, straight	380 222
PSS67 Adapter Cable M8sf M12am, 2m	2 m	M8 female connector, straight	M12 male connector, angled	380 223