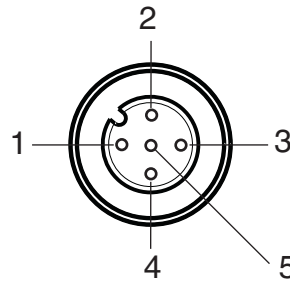


PSS67/PDP67 SB LC Cable IN

Connector pin assignment

Colour coding

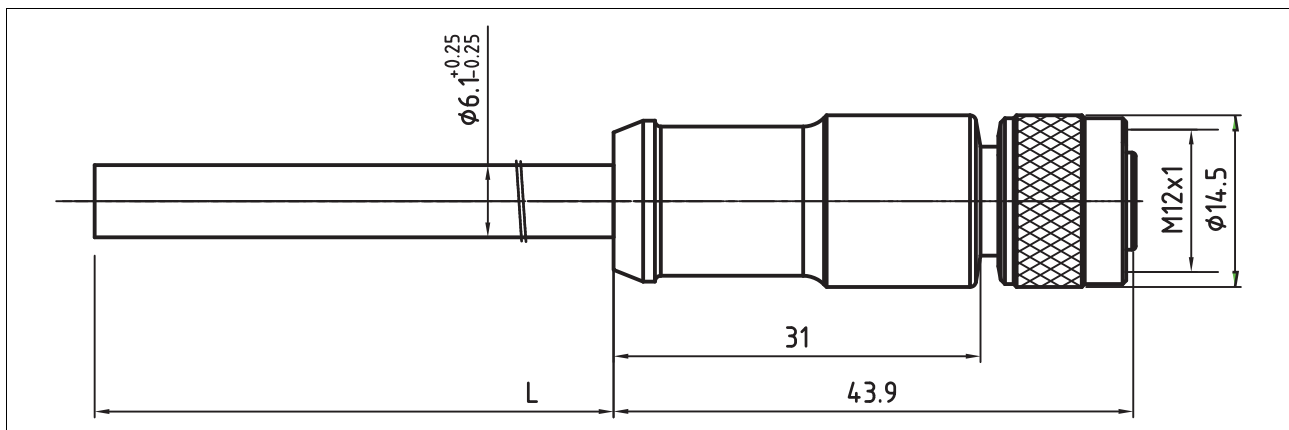
1	Shield
2	red
3	white
4	green
5	brown



View from the top plug-in connector X1

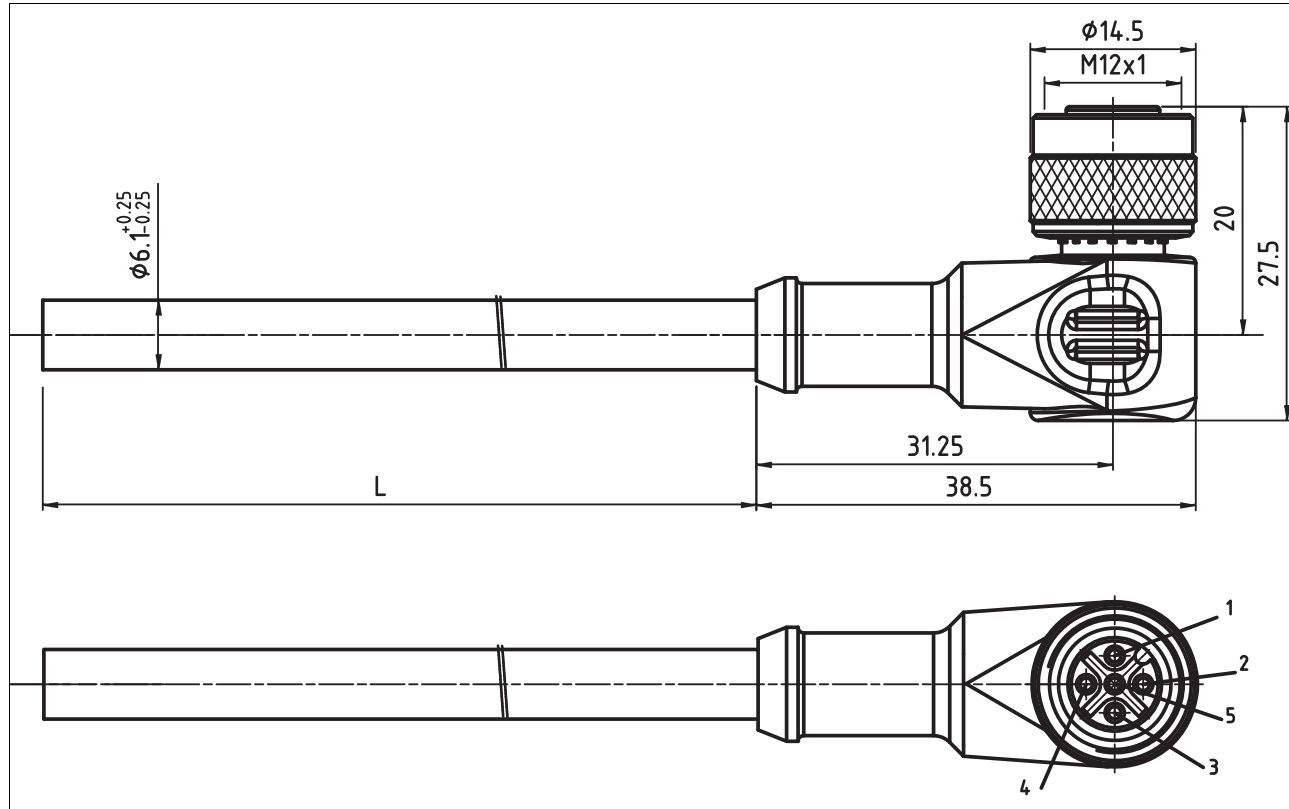
Dimensions

► M12 female connector, straight:



PSS67/PDP67 SB LC Cable IN

► M12 female connector, angled:



Technical details

Electrical data

Rated voltage UB	30 V
Insulation resistance	100 MOhm/km
Test voltage	1,500 V
Characteristic impedance	100 ... 120 Ohm/km
Rated current	4.0 A

Environmental data

Ambient temperature	-25 - 85 °C
Pollution degree	3

Mechanical data

Plug-in connector X1	5-pin M12 female connector
in accordance with the standard	EN 61076-2-101
Design of plug-in connector X1	Straight No. 380506, 380507, 380508 Angled No. 380509, 380510, 380511
Protection type of X1 when inserted	IP67
Housing	IP67
Housing material X1	PUR
Material of contact surface	Au
Material of socket	CuSn
Mating cycles X1	100
Cable type	TP-(ST)-PUR
Cable runs	10.00 m No. 380508, 380511 3.00 m No. 380506, 380509 5.00 m No. 380507, 380510
Colour of external cable insulation	signal yellow, RAL1003
Cable insulation	PUR

PSS67/PDP67 SB LC Cable IN

Mechanical data	
Suitable for drag chains	no
Cable diameter	6.10 mm
Cable cross section of data line AWG	24
Cable cross section of supply line AWG	22
Cable cross section of shield AWG	22
Cable cross section of data line	2 x 0.24 mm ²
Cable cross section of supply line	2 x 0.38 mm ²
Cable cross section of shield	1 x 0.38 mm ²
Wire diameter of data cable	1.20 mm
Wire diameter of supply cable	1.75 mm
Wire colour	2: red, 3: white, 4: green, 5: brown
Stranding	2 x twisted pair
Shielding	yes
Shield type	Wire mesh
Wire layer separation	yes
No. of wires	5
Cable approval	UL
Approval for plug connector X1	UL94 V-0
Weight	171 g No. 380506 181 g No. 380507 183 g No. 380510 274 g No. 380511 351 g No. 380508 92 g No. 380509

No. stands for order number.

Order reference				
Product type	Features	Connector X1	Connector X2	Order no.
PSS67 SB LC Cable IN sf, A, 3m	3 m	M12 female connector, straight		380 506
PSS67 SB LC Cable IN sf, A, 5m	5 m	M12 female connector, straight		380 507
PSS67 SB LC Cable IN sf, A, 10m	10 m	M12 female connector, straight		380 508
PSS67 SB LC Cable IN af, A, 3m	3 m	M12 female connector, angled		380 509
PSS67 SB LC Cable IN af, A, 5m	5 m	M12 female connector, angled		380 510
PSS67 SB LC Cable IN af, A, 10m	10 m	M12 female connector, angled		380 511