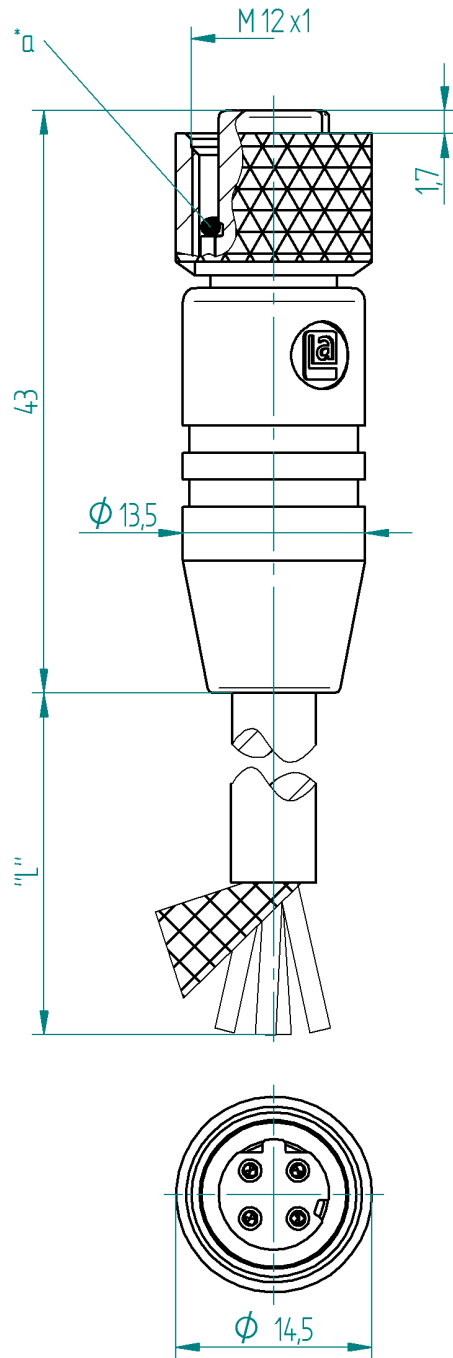
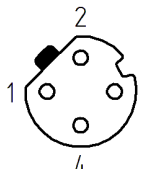


RoHS 



Legende/ cutlinde
*a O-Ring/ o-ring
"L" Standardlänge der Steuerleitung
standard length of cable

Typ/ type	Kontaktbelegung/ contact assignment		
		Polzahl/ number of poles	Farbkennung/ colour code
M12	4		1 = Gelb / yellow
			2 = Weiß / white
			3 = Orange / orange
			4 = Blau / blue

The information/details in this datasheet merely contain general descriptions or performance factors which, when applied in an actual situation, do not always correspond with the described form, and may be amended by way of the further development of products. The desired performance factors shall only be binding if these are expressly agreed on conclusion of the contract.



Product description

Description	M12 female connector with molded cable - 360° shielding connected to knurled nut
Type	0985 342 118/... M, see page 3
Order No	see page 3
Type of contacts	female
Standard	IEC 61076-2-101 D
Construction type	LF, D coded

Technical data

Mating cycles	≤ 100
Rated voltage	250 V AC/DC
Rated current *	4 A
Rated impulse voltage	2,0 kV
Pollution degree	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Contact resistance	≤ 5 mΩ
Insulation resistance	> 10 ⁹ Ω

* Notice derating

Materials

over molding	TPU, black
Contact bearer	PBT, black
Contact	CuSn
Contact plating	Cu/Au
Knurled nut	CuZn, nickel-plated
Shielding sleeve	CuZn, tin-plated
O-ring	FKM

Environmental conditions

Protection class (IEC 60529) *	IP67
Temperature range (connector)	-25°C to +80°C, notice Derating **
Temperature range (cable, hard-wired)	-50 °C to +80 °C
Temperature range (cable, moved)	-25 °C to +80 °C

Good chemical resistance.

The resistance has to be checked in individual cases.

* only if mounted and locked in combination with Hirschmann / Lumberg connector.

** Temperature resistance of the cable considered separately

Cable-data

Cabletype	STL 342, Cable jacket: PUR outer diameter D= 6,5 mm, drag chain qualified
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Further types on request.

Further technical information on the control line see datasheet 909342

Cutline

Do not connect / disconnect under load.



Standard products

Artikel-No.	Type
000-002-618	0985 342 118/3 M
000-009-924	0985 342 118/25 M
000-011-996	0985 342 118/50 M
000-011-998	0985 342 118/45 M
000-011-999	0985 342 118/40 M
000-012-000	0985 342 118/35 M
000-012-001	0985 342 118/30 M
000-012-002	0985 342 118/8 M
000-012-004	0985 342 118/1,5 M
934-717-001	0985 342 118/0,5 M
934-717-002	0985 342 118/1 M
934-717-003	0985 342 118/2 M
934-717-004	0985 342 118/5 M
934-717-005	0985 342 118/10 M
934-717-006	0985 342 118/15 M
934-717-007	0985 342 118/20 M