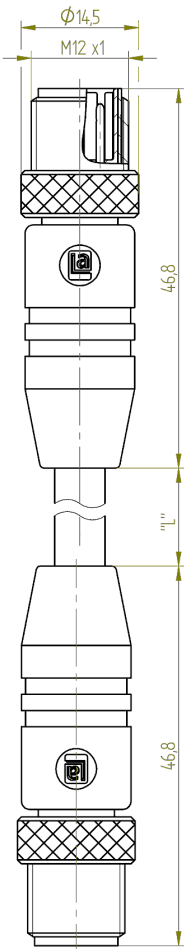
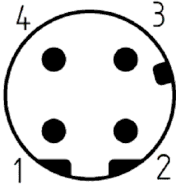
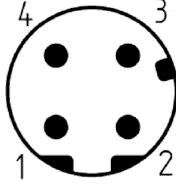


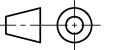
RoHS 



Legende/ cutlinde
"L" Standardlänge der Steuerleitung
 standard length of cable

Typ/ type	Kontaktbelegung/ contact assignment			Schaltbild/ wiring diagram
	Polzahl/ number of poles		Farbkennung/ colour code	
M12	4	TxD +		<div><div>M12ColorM12</div><div>1 — Yellow 1</div><div>2 — White 2</div><div>3 — Orange 3</div><div>4 — Blue 4</div><div>NutShieldNut</div></div>
		RxD +		
		TxD -		
		RxD -		
M12	4	TxD +		<div><div>M12ColorM12</div><div>1 — Yellow 1</div><div>2 — White 2</div><div>3 — Orange 3</div><div>4 — Blue 4</div><div>NutShieldNut</div></div>
		TxD -		
		RxD +		
		RxD -		

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.


DIN ISO 5456-2

Product description

Description	M12-M12 cordset, double-ended - M12 male connector both ends with molded cable - 360° shielding connected to knurled screw - Industrial Ethernet data cable acc. to ProfiNet type C
Type	0985 342 100/...M, see page 4
Order No	see page 4
Type of contacts	male
Standard	IEC 61076-2-101 D
Construction type	M12 male connector: LM, D coded

Technical data

Mating cycles	≤ 100
Rated voltage	250 V
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 screw	CuZn, nickel-plated
Shielding sleeve	CuZn, tin-plated

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
000-000-005	0985 342 100/85 M
000-000-233	0985 342 100/8 M
000-000-589	0985 342 100/6 M
000-000-601	0985 342 100/3,5 M
000-000-687	0985 342 100/1,5 M
000-005-998	0985 342 100/7 M
000-005-999	0985 342 100/9 M
000-006-000	0985 342 100/12 M
000-006-002	0985 342 100/18 M
000-011-949	0985 342 100/0,6 M
000-011-951	0985 342 100/2,5 M
000-064-367	0985 342 100/2 M
000-066-462	0985 342 100/5 M
000-066-463	0985 342 100/10 M
000-066-464	0985 342 100/20 M
000-067-568	0985 342 100/80 M
000-068-412	0985 342 100/3 M
000-069-453	0985 342 100/0,5 M
000-069-873	0985 342 100/1 M
000-070-053	0985 342 100/40 M
000-072-708	0985 342 100/15 M
000-072-710	0985 342 100/30 M
000-083-229	0985 342 100/25 M
000-083-230	0985 342 100/50 M
000-083-231	0985 342 100/70 M
000-083-232	0985 342 100/90 M
000-107-003	0985 342 100/35 M
000-107-004	0985 342 100/45 M
000-107-005	0985 342 100/55 M
000-108-549	0985 342 100/0,3 M
934-636-103	0985 342 100/60 M
934-636-680	0985 342 100/7,5 M
934-637-298	0985 342 100/100 M
934-637-354	0985 342 100/12,5 M
934-637-355	0985 342 100/17,5 M
934-637-387	0985 342 100/75 M
934-637-655	0985 342 100/4 M