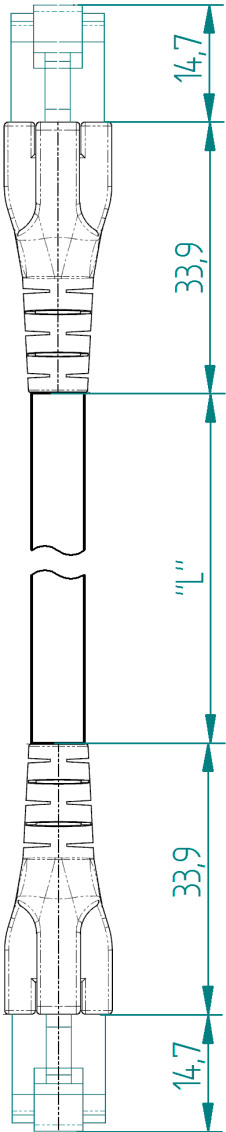
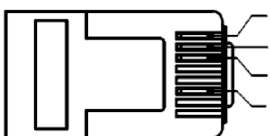
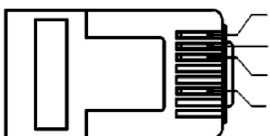


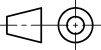
RoHS 



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			
RJ45	4	TxD +		1	1 = gelb / yellow	<div>RJ45 Color RJ45</div> <div>1 — Yellow 3 —</div> <div>3 — White 3 —</div> <div>2 — Orange 2 —</div> <div>6 — Blue 6 —</div> <div>Shell Shield Shell</div>
		TxD -		2	2 = orange / orange	
		RxD +		3	3 = weiß / white	
		RxD -		6	6 = blau / blue	
RJ45	4	TxD +		1	1 = gelb / yellow	
		TxD -		2	2 = orange / orange	
		RxD +		3	3 = weiß / white	
		RxD -		6	6 = 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.


DIN ISO 5456-2

Product description

Description	RJ45 - RJ45 Cordset, double-ended - modular connector with 4 data contacts
Order No	- Industrial Ethernet data cable acc. To ProfiNet type C
Type	0985 342 500/... M umspritzt, see page 3
Order No	see page 3
Standard	IEC 60603-7-4
Construction type	RJ45

Technical data

Mating cycles	> 750
Rated voltage	30 V AC / 42 V DC
Rated current *	1,5 A
Rated impulse voltage	1,0 kV
Insulation resistance	500 mΩ
Contact resistance	≤ 20 mOhm
Transmission characteristics	Cat.5 acc. to ISO IEC 11801 and Cat.5e acc. to TIA/EIA-568-B.2

* Notice derating

Materials

over molding	PC
Housing	CuSn
Contact bearer	PC
Contact	CuSn
Contact plating	Cu/Au

Environmental conditions

Protection class (IEC 60529) *	IP20
Temperature range (connector)	-10°C to +60°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

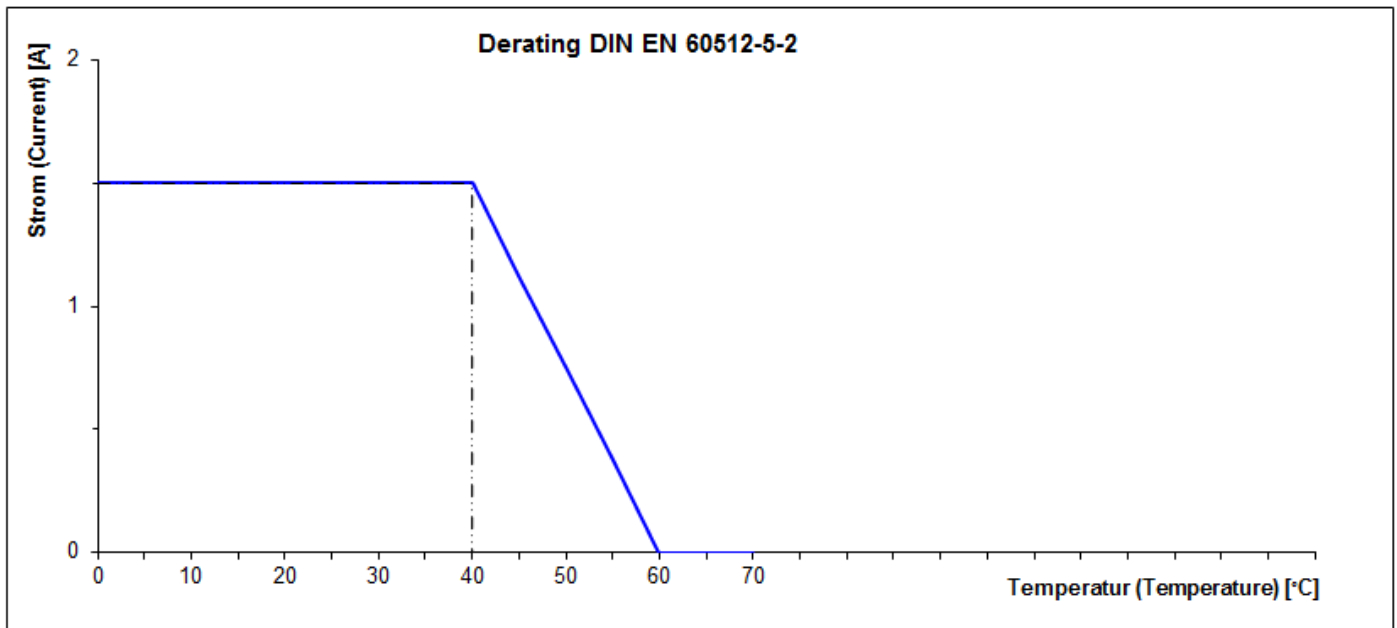
Cabletype	STL 342, Cable jacket: PUR outer diameter D= 6,5 mm, drag chain qualified
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Further types on request.

Further technical information on the control line see datasheet 909342

Cutline

Do not connect / disconnect under load.



Standard products

Artikel-No.	Type
000-011-905	0985 342 500/0,6 M umspritzt
000-011-906	0985 342 500/1,5 M umspritzt
000-011-908	0985 342 500/2,5 M umspritzt
000-011-926	0985 342 500/4 M umspritzt
000-011-928	0985 342 500/6 M umspritzt
000-011-930	0985 342 500/7,5 M umspritzt
000-011-931	0985 342 500/9 M umspritzt
000-011-932	0985 342 500/11 M umspritzt
000-011-933	0985 342 500/12 M umspritzt
000-011-935	0985 342 500/13 M umspritzt
000-011-938	0985 342 500/18 M umspritzt
000-011-939	0985 342 500/25 M umspritzt
000-011-940	0985 342 500/35 M umspritzt
000-011-941	0985 342 500/40 M umspritzt
000-011-942	0985 342 500/45 M umspritzt
000-011-943	0985 342 500/50 M umspritzt
000-012-090	0985 342 500/0,3 M umspritzt
000-012-091	0985 342 500/0,5 M umspritzt
000-012-095	0985 342 500/1 M umspritzt
000-012-096	0985 342 500/2 M umspritzt
000-012-097	0985 342 500/3 M umspritzt
000-012-101	0985 342 500/5 M umspritzt
000-012-102	0985 342 500/8 M umspritzt
000-012-103	0985 342 500/10 M umspritzt
000-012-105	0985 342 500/15 M umspritzt
000-012-108	0985 342 500/20 M umspritzt
000-012-109	0985 342 500/30 M umspritzt