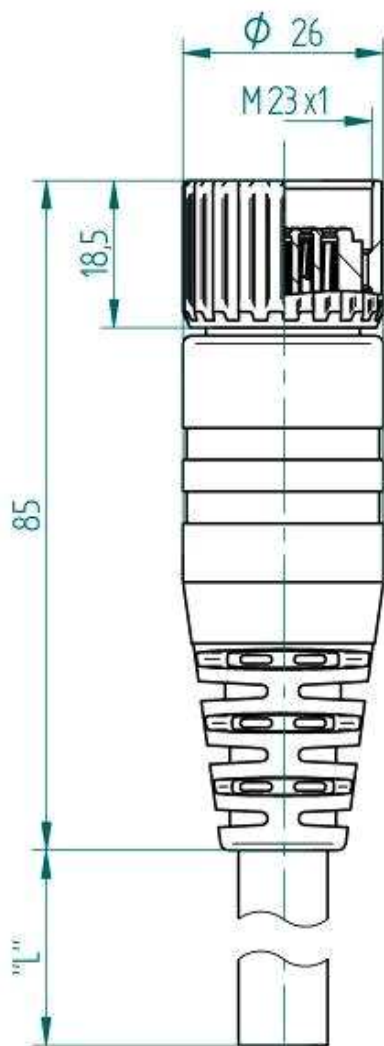

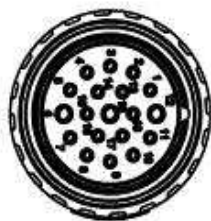


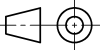
RoHS ✓



Typ/ type	Kontaktbelegung/ contact assignment	
	Polzahl/ number of poles	Farbkennung/ color code
RKU		1 = violett / violet
		2 = rot / red
		3 = grau / grey
		4 = rot / blau / red / blue
		5 = grün / green
		6 = blau / blue
		7 = grau / rosa / grey / pink
		8 = weiß / grün / white / green
		9 = weiß / gelb / white / yellow
		10 = weiß / grau / white / grey
		11 = schwarz / black
		12 = gelb / grün / yellow / green
		13 = gelb / braun / yellow /
		14 = braun / grün / brown / green
		15 = weiß / white
		16 = gelb / yellow
		17 = rosa / pink
		18 = grau / braun / grey / brown
		19 = braun / brown



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

- M23 female connector with molded cable and threaded jointed
- cord with 1 cord label 25X67 mm PE translucent white

Type	RKU 19-242/.. M
Order No	see page 3
Type of contacts	female
Number of contacts	19

Technical data

Clearance / Creepage distance	acc. to DIN EN 60664-1 (VDE 0110-1)
Rated voltage	125 V AC/DC
Operating voltage	120 V AC/DC
Rated current *	8 A, pin Ø1 mm 10 A, pin Ø1,5 mm
Rated impulse voltage	1,5 kV
Overvoltage category	II acc. To DIN EN 60664-1 (VDE 0110-1)
Pollution degree	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Insulation resistance	> 10 ⁹ Ohm

* Notice derating

Materials

Contact bearer	PA 6.6, black
over molding	TPU, self-extinguishing, yellow
Contact	CuZn/ CuSn6
Contact plating	pre-nickeled and gold-plated
Coupling nut	CuZn, nickel-plated
O-ring	FKM

Environmental conditions

Protection class (IEC 60529) *	IP67
Temperature range (connector)	-25°C to +80°C
Temperature range (cable, hard-wired)	-50°C to +80°C
Temperature range (cable, moved)	-25°C to +80°C in the drag chain movement max. +60°C

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

Flammability class

over molding	UL 94-HB
Contact bearer	UL 94-HB

Cable-data

Cabletype	AWM Style 21198 (20549) - PUR - 300V/80°C
Cable material	PUR
Cable color	black
Cable diameter D	Ø11,60 ±0,3 mm
Wire diameter D1	16x Ø1,45 + 3x Ø1,95
Minimal bending radius (hard wired)	5x D
Minimal bending radius (moved)	10x D

further types on request

Further technical information of the control line see datasheet 000909242

Cutline

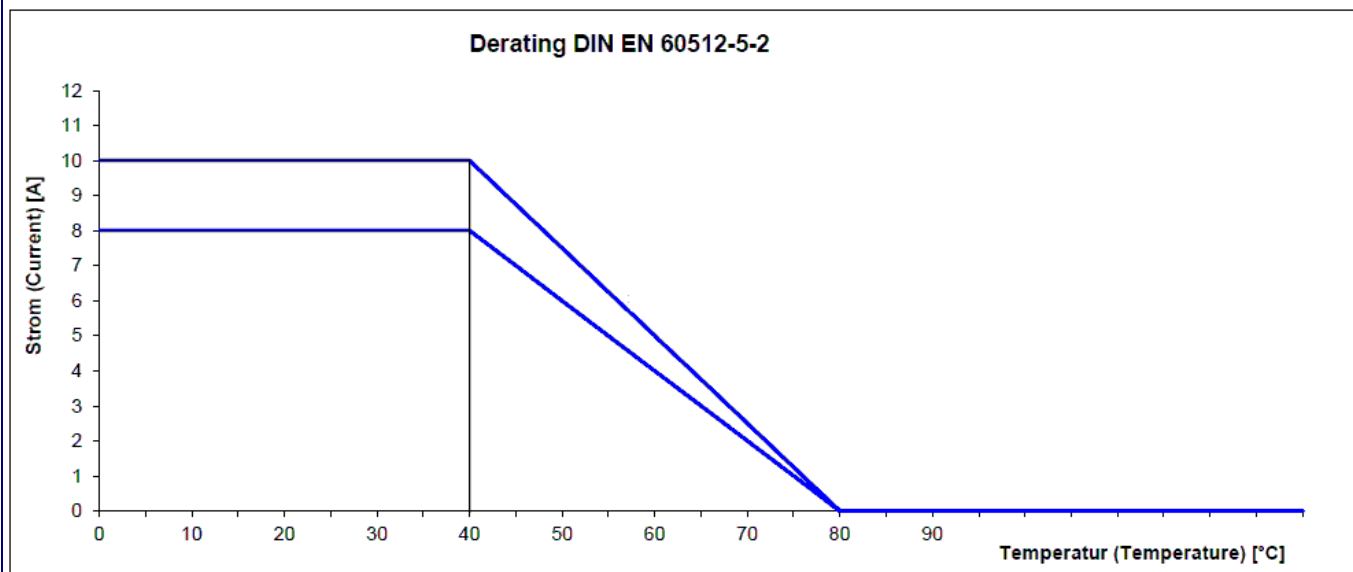
Do not connect / disconnect under load.

The specified electrical and mechanical characteristics require a properly locked connector.

When the connector is unlocked and in risk of pollution the connector has to be covered with a protective cap \geq IP54.

"L" = standard length of control line

further lengths on request



Standard products

Artikel-No.	Type
000-000-765	RKU 19-242/0,1 M
000-004-925	RKU 19-242/60 M
000-005-454	RKU 19-242/45 M
000-060-684	RKU 19-242/10 M
000-060-685	RKU 19-242/15 M
000-060-686	RKU 19-242/20 M
000-060-688	RKU 19-242/5 M
000-061-212	RKU 19-242/25 M
000-061-215	RKU 19-242/30 M
000-061-219	RKU 19-242/40 M
000-083-972	RKU 19-242/1 M
000-084-529	RKU 19-242/50 M
000-087-471	RKU 19-242/35 M