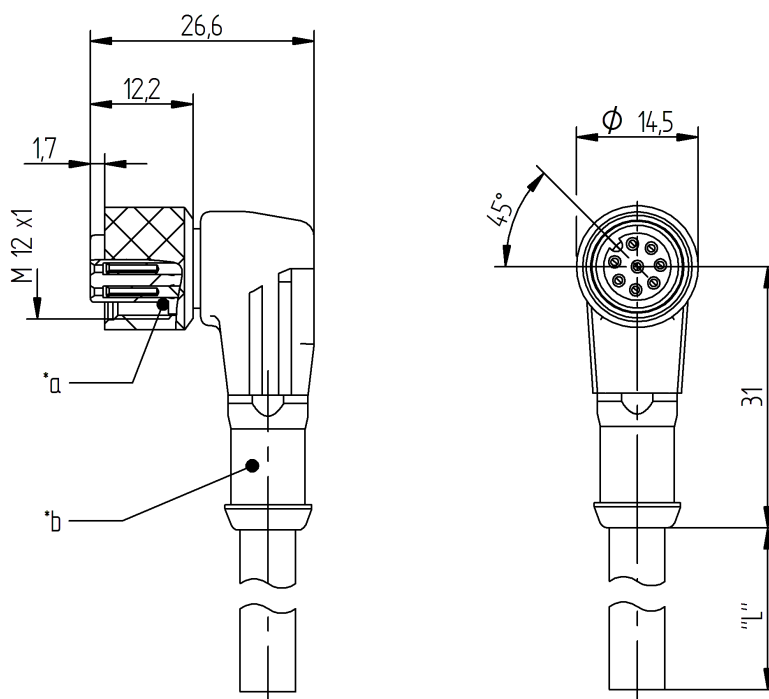
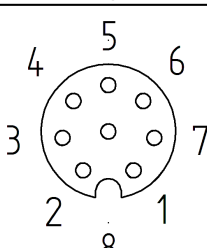


RoHS ✓

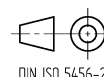


Typ/ type	Kontaktbelegung / contact assignment	
	Polzahl/ number of poles	Farbkennung/ color code
RKWT 8-6	6	 <p> 1 = weiß / white 2 = grün / green 3 = gelb / yellow 4 = grau / grey 5 = braun / brown 6 = n.c. 7 = blau / blue 8 = n.c. </p>

Legende/ cutlinde

- *a O-Ring/ o-ring
 *b Schutzschlauchmontage/
 hose mounting
 "L" Standardlänge der Steuerleitung/
 standard length of cable

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 and self-locking threaded joint
Type	RKWT 8-6-.../...M, see last page(s)
Order No	see last page(s)
Type of contacts	female
Number of contacts	8/6
Standard	IEC 61076-2-101
Construction type	MF

Technical data

Clearance / Creepage distance	DIN EN 60664-1 (2008/01); VDE 0110-1
Rated voltage	30 V AC/DC
Rated current *	2 A
Rated impulse voltage	1,5 kV
Pollution degree	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Contact resistance	≤ 5 mOhm
Insulation resistance	> 10 ⁹ Ohm
Mating cycles	max. 100

* Notice derating

Materials

over molding	TPU, translucent
Contact bearer	TPU, orange
Contact	CuZn
Contact plating	Cu/Au
Knurled nut	CuZn, surface nickel-plated
O-ring	FKM

Environmental conditions

Protection class (IEC 60529) *	IP67
Protection class ISO 20653 (DIN 40050-9) *	IP69K
Temperature range (connector)	-25°C to +80°C **, notice Derating

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 268, Cable jacket: PUR,
outer diameter D= 5,50 mm,
conductor cross-section 6 x 0,34 mm²

STL 337, Cable jacket: PUR,
outer diameter D= 6,0 mm,
conductor cross section 6x0,34 mm²

Further types on request.

Further technical information on control lines see 909268, 909337

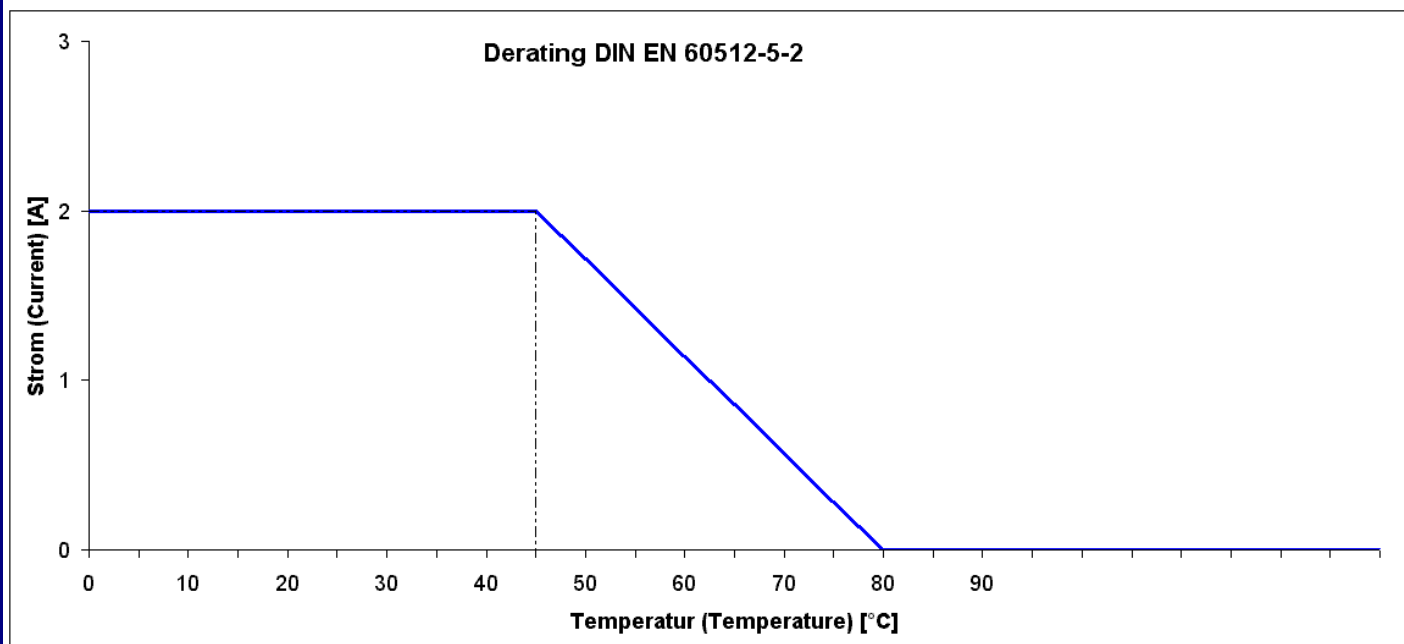
Additional technical data

Fastening torque (coupling nut)

M 12x1: (40-60) Ncm, hand-tight

Cutline

Do not connect / disconnect under load.



Standard products

Artikel-No.	Type
000-003-983	RKWT 8-6-268/20 M
000-010-826	RKWT 8-6-268/15 M
000-017-128	RKWT 8-6-268/5 M
000-046-899	RKWT 8-6-268/2 M
000-046-900	RKWT 8-6-268/10 M
000-062-980	RKWT 8-6-337/5 M
000-062-981	RKWT 8-6-337/10 M
000-062-983	RKWT 8-6-337/2 M
000-071-544	RKWT 8-6-337/20 M
000-094-256	RKWT 8-6-268/25 M