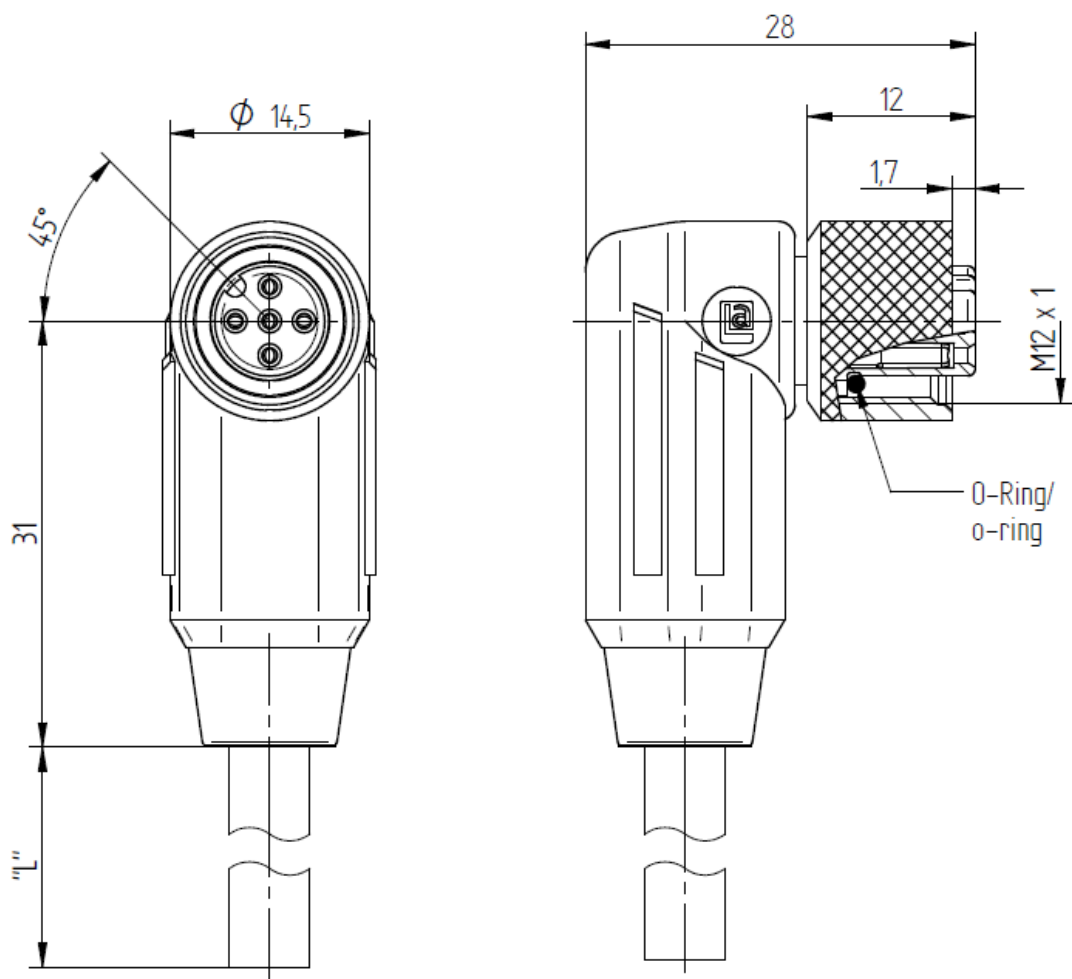
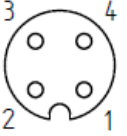
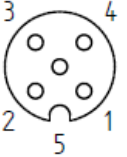
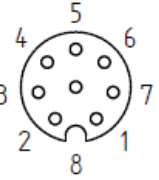
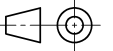


RoHS 



Typ/ type	Standard - Kontaktbelegung/ standard contact assignment	
	Polzahl/ number of poles	Farbkennung/ colour code
RKWTS 4...		1 = braun/ brown
		2 = weiß/ white
		3 = blau/ blue
		4 = schwarz/ black
RKWTS 5...		1 = braun/ brown
		2 = weiß/ white
		3 = blau/ blue
		4 = schwarz/ black
		5 = grau/ grey
RKWTS 8...		1 = weiß/ white
		2 = braun/ brown
		3 = grün/ green
		4 = gelb/ yellow
		5 = grau/ grey
		6 = rosa/ pink
		7 = blau/ blue
		8 = rot/ red

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 female right angle connector with molded cable
- 360° shielding connected to knurled nut
- colour coding of the conductor acc. to Euro-standard

Type RKWTS ..., see standard products
 Type of contacts female
 Number of contacts 4, 5, 8 (see standard products)
 Standard IEC 61076-2-101
 Construction type MF

Technical data

Operating voltage 4-pin 240 V AC/DC
 5-pin 60 V AC/DC
 8-pin 30 V AC/DC
 Rated voltage 4-pin 250 V AC/DC
 5-pin 63 V AC/DC
 8-pin 36 V AC/DC
 Rated current * 4-, 5-pin 4 A
 8-pin 2 A
 Rated impulse voltage 4-pin 2,0 kV
 5-, 8-pin 1,5 kV
 Pollution degree 3 acc. to DIN EN 60664-1 (VDE 0110-1)
 Contact resistance $\leq 5 \text{ m}\Omega$
 Insulation resistance $> 10^9 \Omega$

* Notice derating

Materials

over molding TPU, orange
 Contact bearer PBT, black
 Contact 4-, 5-pin CuSn
 8-pin CuZn
 Contact plating Cu/Au
 Knurled nut CuZn, surface: nickel-plated
 Shielding sleeve CuZn, surface: tin-plated
 O-ring FKM

Environmental conditions

Protection class (IEC 60529) * IP67, IP68
 Protection class ISO 20653 (DIN 40050-9) * IP69K
 Temperature range (connector) -25°C to +80°C, notice Derating
 Temperature range (connector) only in combination with STL 288, 4-pol. and STL 298, 5-pol.
 -40°C to +80°C, notice derating
 only in combination with STL 182, 4-pol and STL 183 5-pol
 -25°C to +70°C, notice derating

Good chemical resistance.

The resistance has to be checked in individual cases.

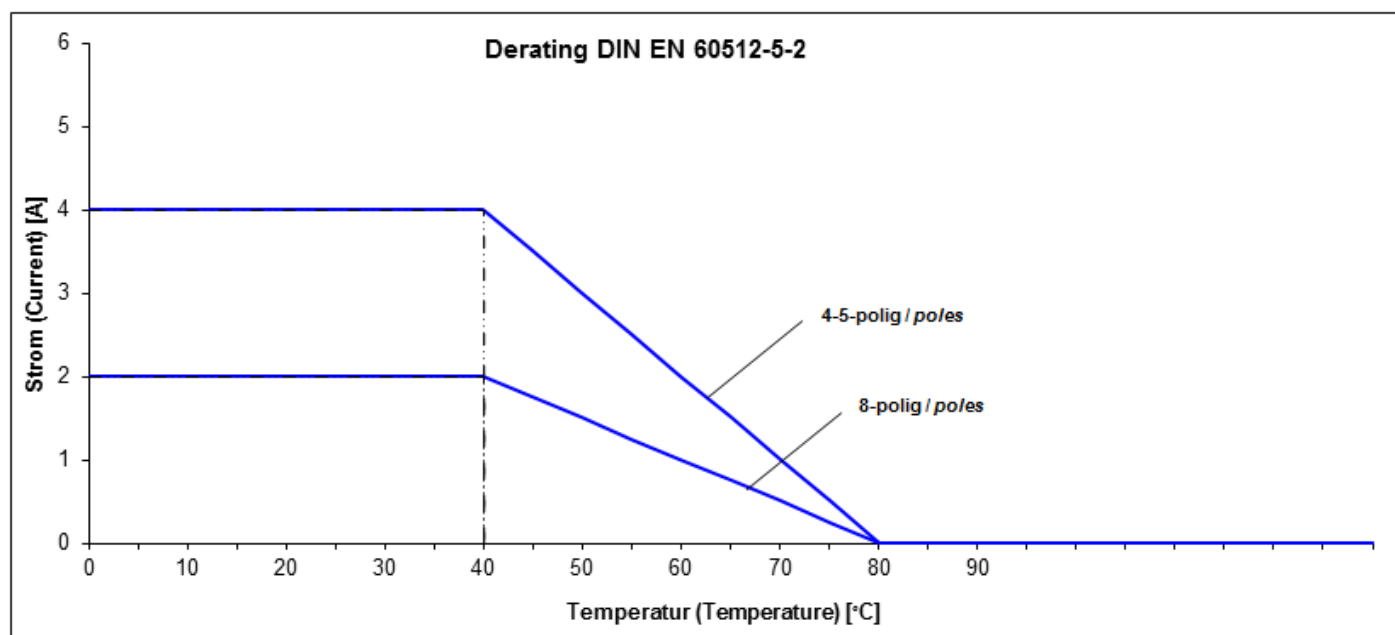
* only if mounted and locked in combination with Hirschmann / Lumberg connector.

Cutline

Do not connect / disconnect under load.

"L" = standard length of control line (other lengths of control lines on request)

Further technical information on control lines see 909...



Standard products

Artikel-No.	Type
000-002-304	RKWTS 4-288/0,5 M
000-002-309	RKWTS 8-299/0,5 M
000-002-456	RKWTS 8-299/3 M
000-002-482	RKWTS 4-288/3 M
000-002-762	RKWTS 4-288/120 M
000-003-150	RKWTS 8-299/35 M
000-004-413	RKWTS 5-298/0,5 M
000-004-978	RKWTS 5-183/25 M
000-004-979	RKWTS 5-183/45 M
000-004-989	RKWTS 8-299/12 M
000-005-488	RKWTS 5-298/0,75 M
000-005-595	RKWTS 4-288/40 M
000-006-005	RKWTS 8-273/5 M
000-006-006	RKWTS 8-273/10 M
000-006-007	RKWTS 8-273/15 M
000-006-778	RKWTS 4-288/35 M
000-006-842	RKWTS 8-299/0,6 M
000-007-109	RKWTS 8-450/2 M
000-007-110	RKWTS 8-450/5 M
000-007-112	RKWTS 8-450/10 M
000-007-593	RKWTS 8-391/10 M
000-008-129	RKWTS 4-288/25 M
000-008-725	RKWTS 4-288/1 M
000-008-771	RKWTS 4-288/50 M
000-009-276	RKWTS 4-288/60 M
000-009-424	RKWTS 4-288/100 M
000-009-690	RKWTS 5-298/25 M
000-009-771	RKWTS 8-184/10 M
000-013-525	RKWTS 4-288/150 M
000-014-911	RKWTS 4-288/45 M
000-015-908	RKWTS 4-288/70 M
000-015-933	RKWTS 4-288/110 M
000-016-460	RKWTS 5-298/2,5 M
000-016-809	RKWTS 8-299/25 M
000-016-810	RKWTS 8-299/30 M
000-016-907	RKWTS 8-273/2 M
000-016-952	RKWTS 4-288/3,5 M
000-017-582	RKWTS 4-288/180 M
000-018-285	RKWTS 4-182/32 M
000-018-286	RKWTS 4-182/45 M
000-018-341	RKWTS 4-288/125 M
000-018-345	RKWTS 8-299/40 M
000-018-425	RKWTS 8-391/8 M
000-018-428	RKWTS 8-391/17 M
000-018-430	RKWTS 8-299/8 M
000-018-438	RKWTS 8-299/17 M
934-703-001	RKWTS 4-182/1 M
934-703-002	RKWTS 4-182/10 M
934-703-003	RKWTS 4-182/15 M
934-703-004	RKWTS 4-182/2 M
934-703-005	RKWTS 4-182/20 M
934-703-006	RKWTS 4-182/25 M
934-703-007	RKWTS 4-182/5 M
934-703-008	RKWTS 4-182/7 M
934-703-009	RKWTS 4-288/10 M
934-703-010	RKWTS 4-288/15 M
934-703-011	RKWTS 4-288/2 M
934-703-012	RKWTS 4-288/20 M
934-703-013	RKWTS 4-288/30 M
934-703-014	RKWTS 4-288/5 M

Datasheet-No. 934-703-999 Type: RKWTS ...

EN Revision: 03 Created: 2016-11-15 Tmeiwald **M12 fem. right angle con. shield.**

934-703-015	RKWTS 4-288/6 M
934-703-016	RKWTS 5-183/10 M
934-703-017	RKWTS 5-183/2 M
934-703-018	RKWTS 5-183/5 M
934-703-019	RKWTS 5-298/0,2 M
934-703-020	RKWTS 5-298/10 M
934-703-021	RKWTS 5-298/15 M
934-703-022	RKWTS 5-298/2 M
934-703-023	RKWTS 5-298/20 M
934-703-024	RKWTS 5-298/30 M
934-703-025	RKWTS 5-298/5 M
934-703-026	RKWTS 8-184/2 M
934-703-027	RKWTS 8-184/5 M
934-703-028	RKWTS 8-299/10 M
934-703-029	RKWTS 8-299/15 M
934-703-030	RKWTS 8-299/2 M
934-703-031	RKWTS 8-299/20 M
934-703-032	RKWTS 8-299/5 M