

Typ/ type	Standard - Kontaktbelegung/ standard contact assignment	
	Polzahl/ number of	Farbkennung/ color code
WRKT 4-3..	3	<ul style="list-style-type: none"> 1= braun / brown 2 = n.c. 3 = blau / blue 4 = schwarz / black
WRKT 4..	4	<ul style="list-style-type: none"> 1= braun / brown 2 = weiß / white 3 = blau / blue 4 = schwarz / black
WRKT 5..	5	<ul style="list-style-type: none"> 1= braun / brown 2 = weiß / white 3 = blau / blue 4 = schwarz / black 5 = grau / grey
WRKT 8....	8	<ul style="list-style-type: none"> 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.



Product description

- M12 female connector with molded cable
- body allows hose mounting

Type	WRKT ..., see standard products
Type of contacts	female
Number of contacts	3, 4, 5, 8
Standard	IEC 61076-2-101
Construction type	LF

Technical data

Rated voltage	3, 4 pins 250V (UL: 30V)
	5 pins 60V (UL: 30V)
	8 pins 30V
Rated current *	3 to 5 pins 4 A
	8 pins 2 A
Rated impulse voltage	3, 4 pins 2,5 kV
	5 pins 1,5 kV
	8 pins 0,8 kV
Insulation resistance	> 10 ⁹ Ohm
Contact resistance	≤ 5 mOhm
Pollution degree	3 acc. to DIN EN 60664-1 (VDE 0110-1)

* Derating beachten

Materials

Contact	Cu-alloyed
Contact plating	Cu/Au
Contact bearer	PP, white
over molding	PP, white
Hexagon screw	V4A
O-ring	EPDM
Cable	TPE

Environmental conditions

Protection class (IEC 60529) *

IP67 / IP68 / IP69K

Temperature range

-40°C bis +105°C**, notice derating ***

Good chemical resistance.

The resistance has to be checked in individual cases.

Resistance against following detergents:

- P3-topactive 200 (ECOLAB)
- P3-topactive 52 (ECOLAB)
- P3-topactive 990 (ECOLAB)
- P3-topactive 66 (ECOLAB)
- P3-topactive OKTO (ECOLAB)
- calgonit AF 104
- calgonit SMO
- calgonit Jalu Sauer Plus
- calgonit NF 5401
- calgonit SF 504
- calgonit DS 5614
- P3-oxonia (ECOLAB)
- peracetic acid solution
- demineralized water

high shock and vibration resistance

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

** M12 8-pins +90°C, +105°C on request

*** Temperature resistance of the cable considered separately

Approvals

UL

UL-file no. E315587

UL temperature range +90°C

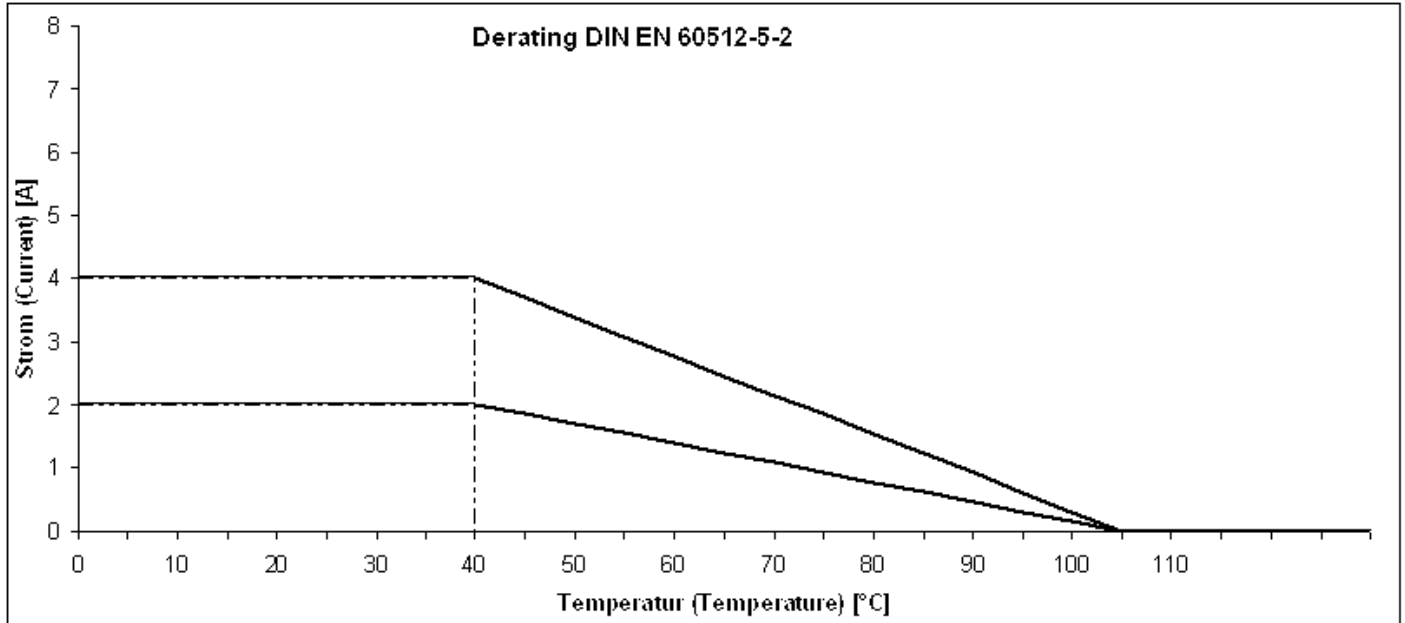
ECOLAB

Cutline

Do not connect or disconnect under load.

*a hose mounting

Further technical information on control line see 197520000, 197521000, 197522000 und 197523000



Standard products

Artikel-No.	Type
000-004-249	WRKT 5-522/30 M
000-004-675	WRKT 5-522/40 M
934-733-001	WRKT 4-3-520/2 M
934-733-002	WRKT 4-3-520/5 M
934-733-003	WRKT 4-3-520/10 M
934-733-004	WRKT 4-3-520/15 M
934-733-005	WRKT 4-3-520/20 M
934-733-006	WRKT 4-3-520/25 M
934-733-007	WRKT 4-521/2 M
934-733-008	WRKT 4-521/5 M
934-733-009	WRKT 4-521/10 M
934-733-010	WRKT 4-521/15 M
934-733-011	WRKT 4-521/20 M
934-733-012	WRKT 4-521/25 M
934-733-013	WRKT 5-522/2 M
934-733-014	WRKT 5-522/5 M
934-733-015	WRKT 5-522/10 M
934-733-016	WRKT 5-522/15 M
934-733-017	WRKT 5-522/20 M
934-733-018	WRKT 5-522/25 M
934-733-019	WRKT 8-523/2 M
934-733-020	WRKT 8-523/5 M
934-733-021	WRKT 8-523/10 M
934-733-022	WRKT 8-523/15 M
934-733-023	WRKT 8-523/20 M
934-733-024	WRKT 8-523/25 M