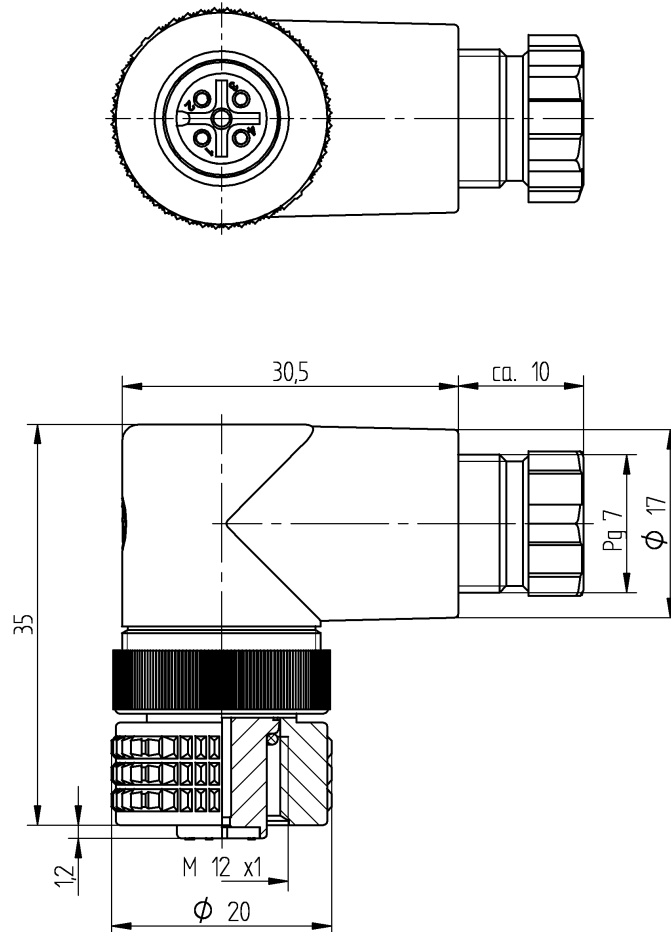
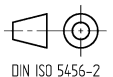


RoHS ✓



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	Cable socket angled
Type	ELWIK A 4012 PG7 topas
Order No	933-173-199
Type of contacts	female
Number of contacts	4
Cable gland	PG 7
Strain-relief	yes
Conductor size	max. 0,75 mm ²
Standard	IEC 61076-2-101 D
Construction type	KF
Color housing	topaz

Technical data

Clearance / Creepage distance	DIN EN 60664-1 (2008/01); VDE 0110-1
Rated voltage	250 V AC/DC
Rated current *	4A
Rated impulse voltage	2,5 kV
Pollution degree	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Contact resistance	< 10 mOhm
Type of connection	screw terminal
Mating cycles	max. 50
Suitable cables	Ø4 mm to Ø6 mm

* Notice derating

Materials

Contact	CuZn
Contact plating	Cu/Sn
Contact bearer	PA 66
Housing	PA 66 GF
Gasket(s)	NBR, cable gland
Coupling nut	ZnAl Cu, knurled
Surface coupling nut	Zn/ Ni
Cable gland screw	PA 66 GF

Environmental conditions

Protection class (IEC 60529) *	IP67, IP68 (24h, 1m)
Temperature range	-25°C to +90°C, notice derating

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

Flammability class

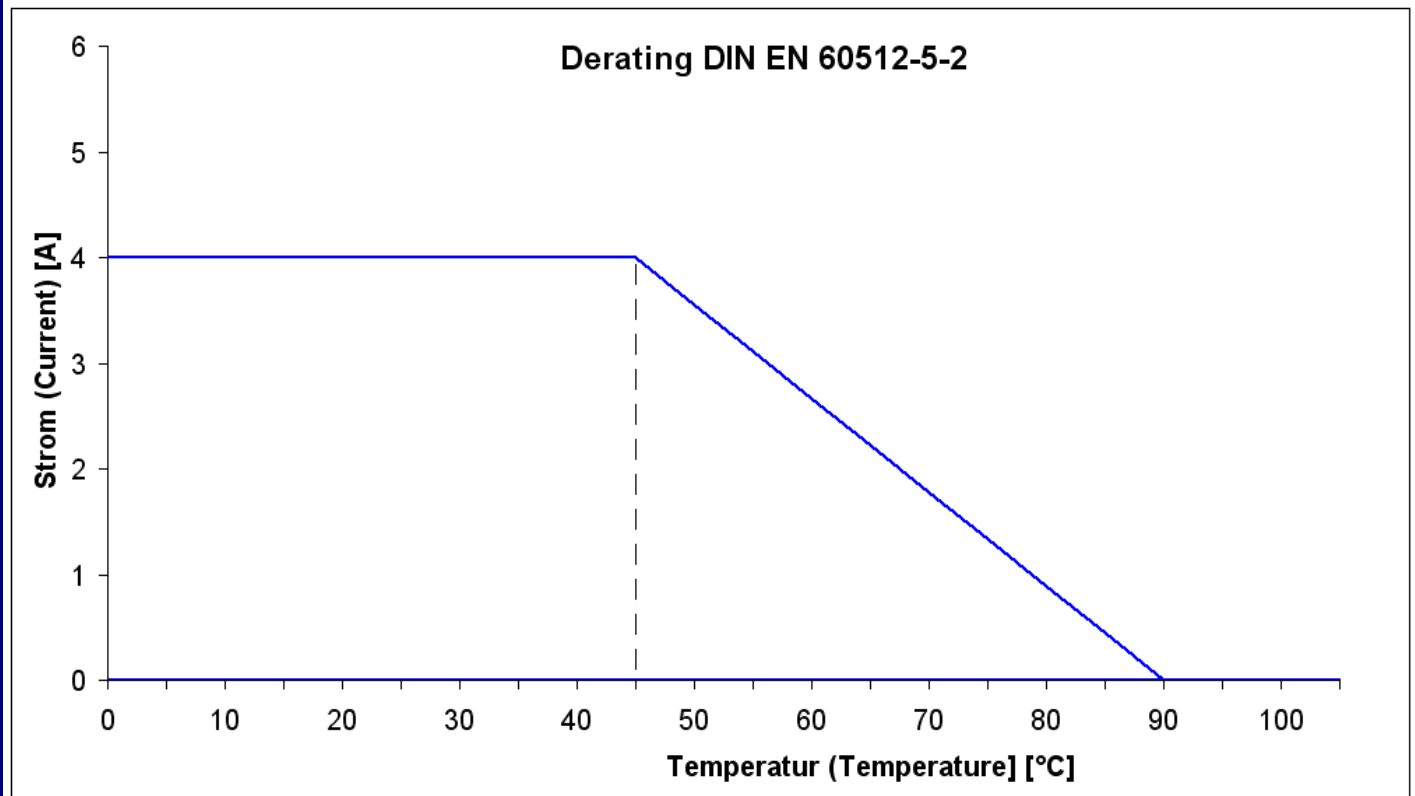
Housing	UL 94 V-0
Contact bearer	UL 94 V-0
Cable gland screw	UL 94 V-0

Additional technical data

Fastening torque (housing)	M18 x 0,75: (45-55) Ncm
Fastening torque (coupling nut)	M 12x1: (50-60) Ncm, hand-tight
Fastening torque (cable gland)	PG 7:(150-250) Ncm
Fastening torque (contact screw)	M 2,5: (30-40) Ncm

Notes

Do not connect or disconnect under load.



product overview

Article-No.	Type
933-173-199	ELWIKA 4012 PG7 topas