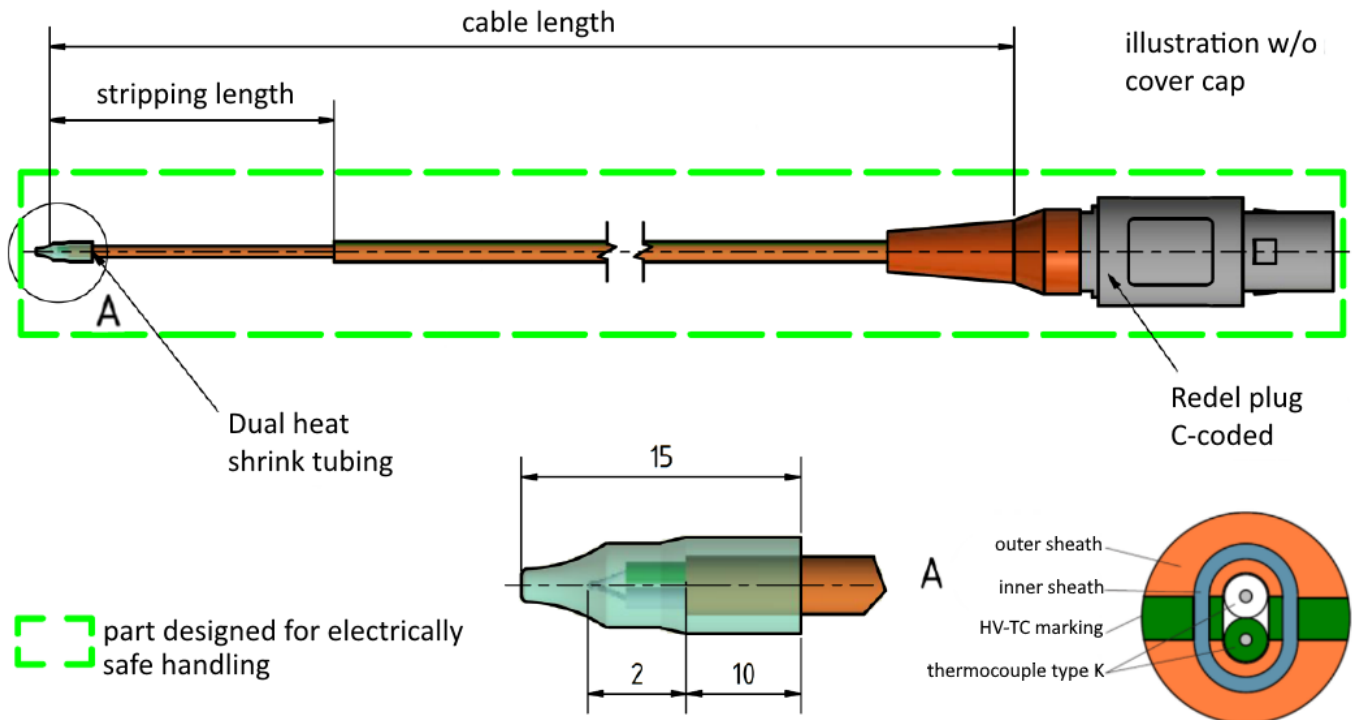


ACC/SENSORCABLE-HV-T-L

LEMO.2P (Redel) Thermocouple for High Voltage modules (HV)

HV-capable LEMO.2P (Redel, 2-pin) plug, e.g. for CRFX/HISO-8-T-8L, CANFX/HISO8-T-8L modules



| Structure | |
|--------------------|--|
| Thermocouple cable | FEP-isolated thermo couple cable type K, 1 x 2 x 0.20 mm Ø |
| Thermocouple | (+)- side nickel-chrome (KP), (-)-side nickel (KN) from one charge 0.20 mm Ø single wire diameter |
| Color coding | DIN EN 60584 |
| Isolation | FEP, KP green, KN white |

| Order Code | | article no. |
|---------------------------|------------------|-------------|
| ACC/SENSORCABLE-HV-T-L-2M | cable length 2 m | 13500280 |
| ACC/SENSORCABLE-HV-T-L-3M | cable length 3 m | 13500281 |

| Included accessories | |
|----------------------|---|
| Terminal connection | <ul style="list-style-type: none"> Redel-plug, C-coded, 2-pin¹, safe handling anti-buckling grommet orange on the plug protection cover on the plug |
| Sensor | <ul style="list-style-type: none"> isolated shrink tube via bare measuring tip, designed for electrically safe handling Only use the product undamaged, only use by qualified personnel. Do not cut or shorten the cable, otherwise new high voltage tests will be required. |

1 The pin configuration has to be taken from the imc device Manual (imc CANSAS or imc CRONOS-User Manual).

Technical Specs - SENSORCABLE-HV-T-L

| Parameter | Value | Remarks |
|--|---|--|
| Thermocouple classification | NiCr-Ni type K, class 1 | DIN EN 60584-1 |
| Temperature range thermoelectric cable FEP thermocouple | -40°C to +150°C (3000 h) -40°C to +180°C | +125°C permanent use |
| Voltage strength via mantel of pairs plug measuring tip | 1000 V 1000 V 1000 V | |
| Overvoltage protection isolated measuring tip plug | 3000 V 3000 V | 1 minute (unit test) 1 minute (unit test) |
| Min. permissible bending radius | 12x outer- \emptyset | thermo cable |

| Dimensions | | |
|-----------------------------|--------------------|------------------------------------|
| Parameter | Value | Remarks |
| Outer- \emptyset | 3.4 mm | |
| Single channel- \emptyset | approx. 2.6 mm | encapsulated |
| Cable length | 2400 mm 3400 mm | CABLE-HV-T-L-2M CABLE-HV-T-L-3M |
| Stripping length | 400 mm | |