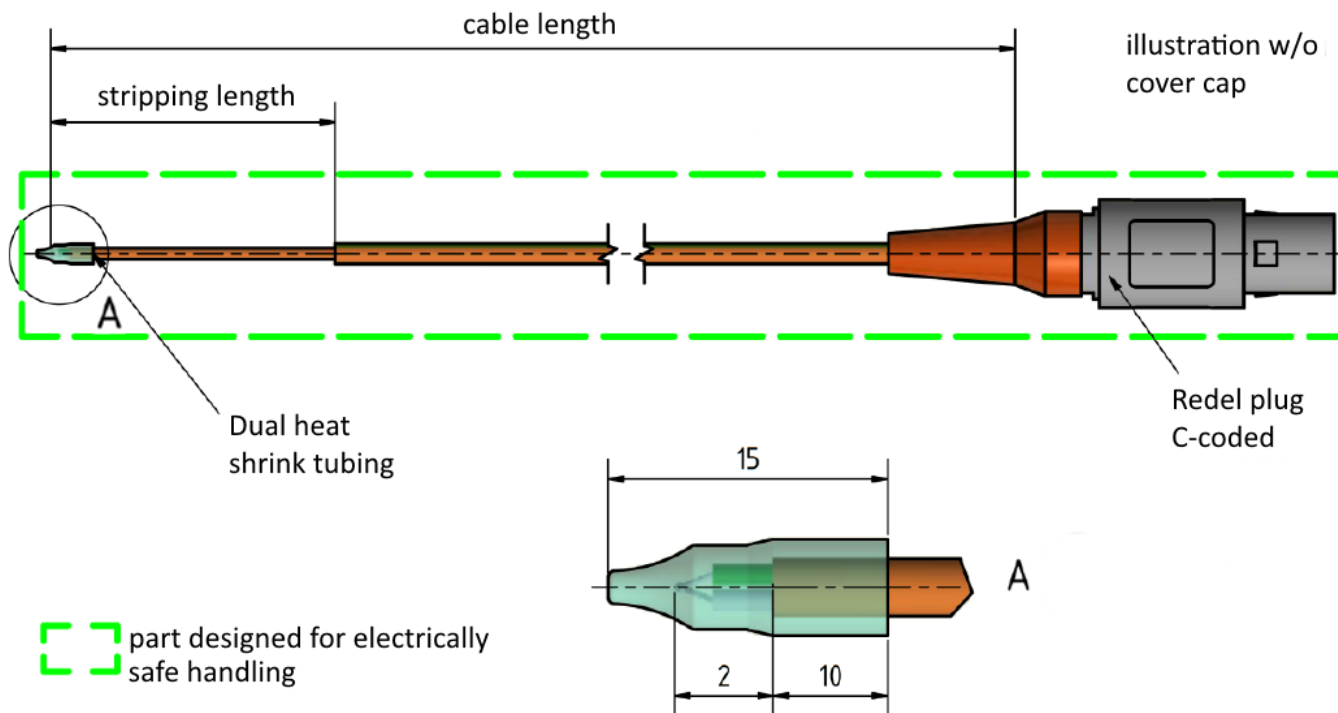


imc Sensor Cable for HV

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/L-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	1350280
ACC/SENSORCABLE-HV-T-L-3M	cable length 3 m	1350281

Included accessories	
Terminal connection	<ul style="list-style-type: none"> Redel-plug, 2-pin, 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.

Technical Specs - SENSORCABLE-HV-T-L-XM

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 ACC/SENSORCABLE-HV-T-L-2M ACC/SENSORCABLE-HV-T-L-3M	2400 mm 3400 mm	1350280 1350281
Stripping length	400 mm	