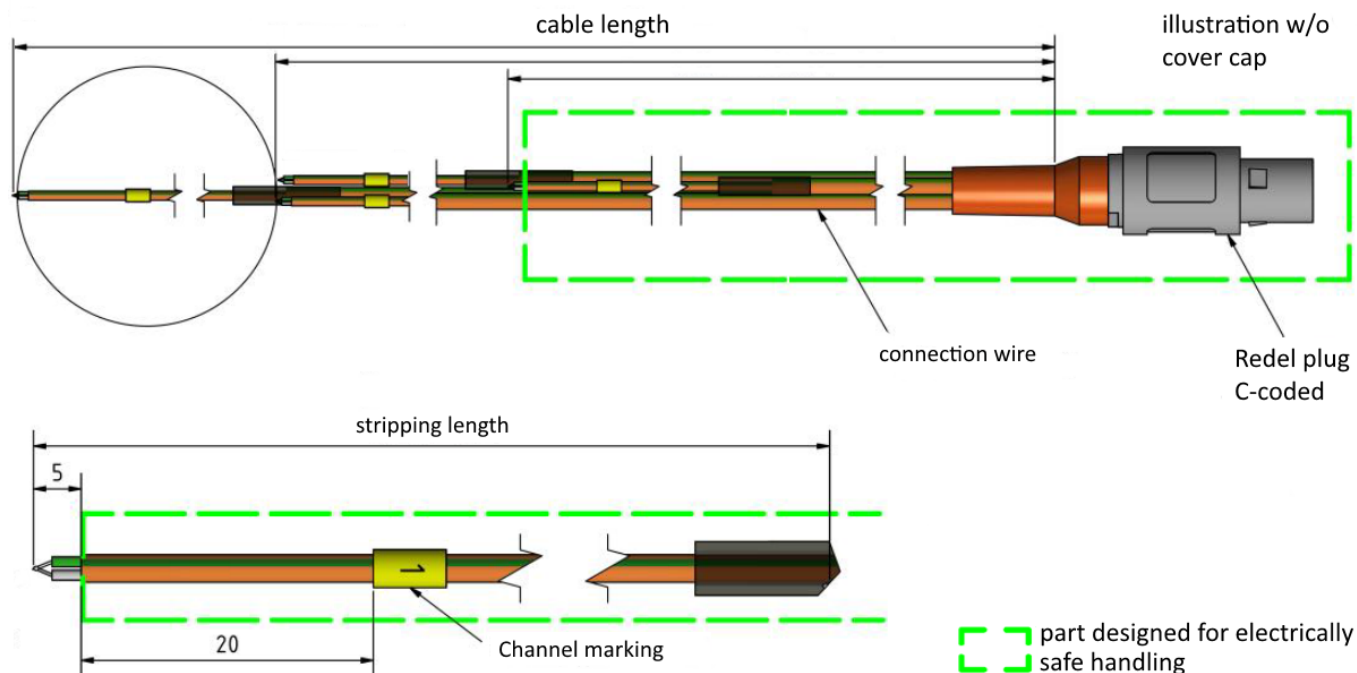


imc Sensor Cable for HV

LEMO.2P (Redel) 4x1-Channel Thermocouple for High Voltage modules (HV)

HV-capable LEMO.2P (Redel, 8-pin) common plug with 4 individual, outgoing cables, e.g. for HISO8-T-2L modules



Structure	
Thermocouple cable	FEP-isolated Thermocouple cable type K, 4 x 2 x 0.20 mm Ø HV-Surface thermocouple is not designed for electrically safe handling
Thermocouple	4x type K, DIN EN 60584, class accuracy class 1
Measuring tip	blank
Isolation	FEP, KP green, KN white

Order Code		article no.
ACC/SENSORCABLE-4x1HV-T-L-3M	cable length 3 m	1350322

Included accessories	
Terminal connection	<ul style="list-style-type: none"> Redel plug, 8-pin ¹, designed for electrically safe handling anti-buckling grommet orange on the plug protection cover on the plug
Sensor	<ul style="list-style-type: none"> isolated shrink tube over the bare measuring tip, designed for electrically safe handling Only use the product undamaged, only 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-4x1HV-T-L-3M

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 constant use
Voltage strength via inner shell plug	1000 V 1000 V	
Overvoltage protection plug	3000 V	1 minute (unit test)
Min. permissible bending radius	12x outer- \varnothing	thermoelectric cable

Dimensions		
Parameter	Value	Remarks
Outer- \varnothing	4x 3.4 mm	
Measuring tip	5 mm, blank	not designed for electrically safe handling
Cable length	3400 mm	
Stripping length	400 mm	