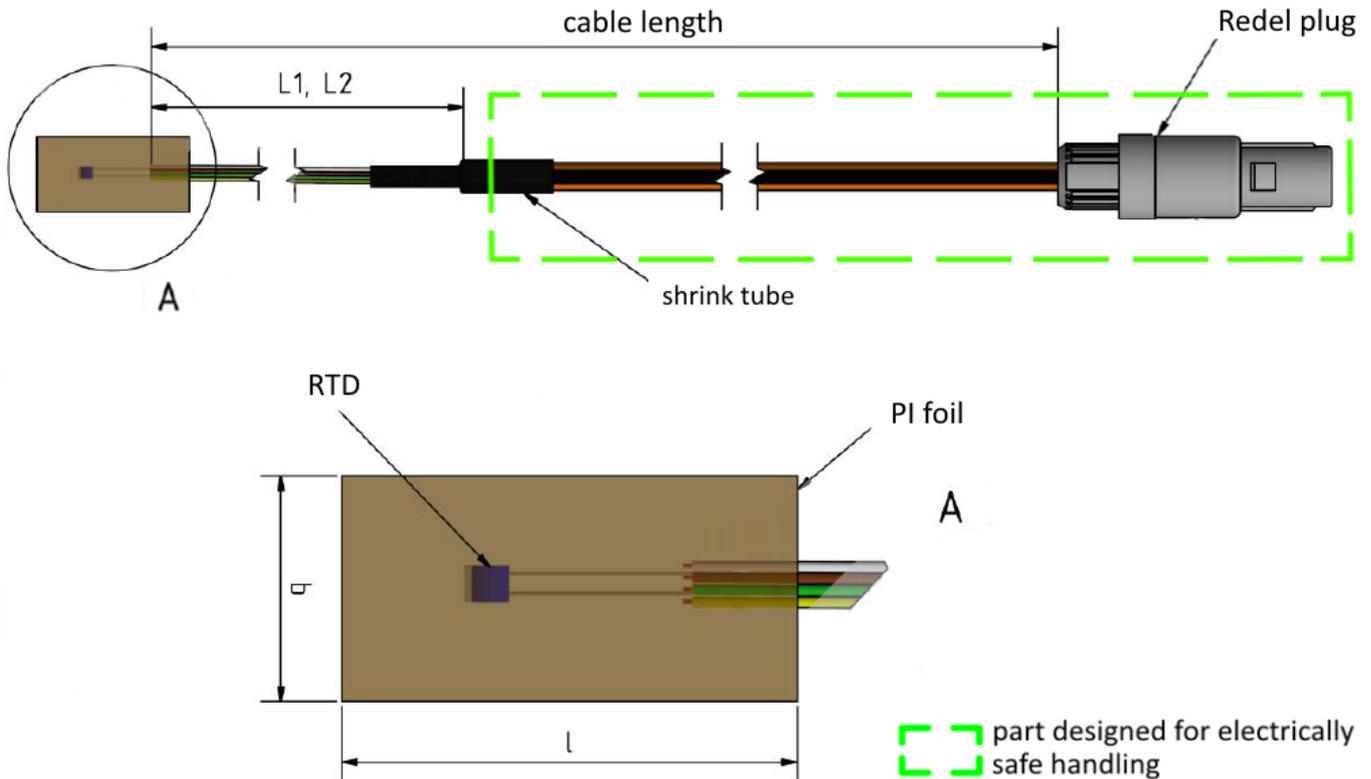


ACC/SENSORCABLE-HV-L1P-PT100/-PT1000

LEMO.1P (Redel) Sensor cable for High Voltage modules (HV)

HV-capable LEMO.1P (Redel, 5-pin) plug, e.g. for CRFX/HISO-8-L, CANFX/L-HISO8-L modules.



Structure	
Connection cable	measuring wire, 8 x 0.03 mm ²
Sensor	PT100 according to DIN EN 60751 (class A) on Kapton foil, in 4-wire configuration PT1000 according to DIN EN 60751 (class A) on Kapton foil, in 4-wire configuration
Isolation	FEP

Order Code		article no.
ACC/SENSORCABLE-HV-L1P-PT100-3M	4-lead cable with assembled PT100, cable length 3 m	13500317
ACC/SENSORCABLE-HV-L1P-PT1000-3M	4-lead cable with assembled PT1000, cable length 3 m	13500363

Included accessories	
Terminal connection	<ul style="list-style-type: none"> • Redel plug, 5-pin ¹, G-coded • protection cover on the plug
Sensor	<ul style="list-style-type: none"> • glued between adhesive pad and carrier foil • 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-L1P-PT100/-PT1000

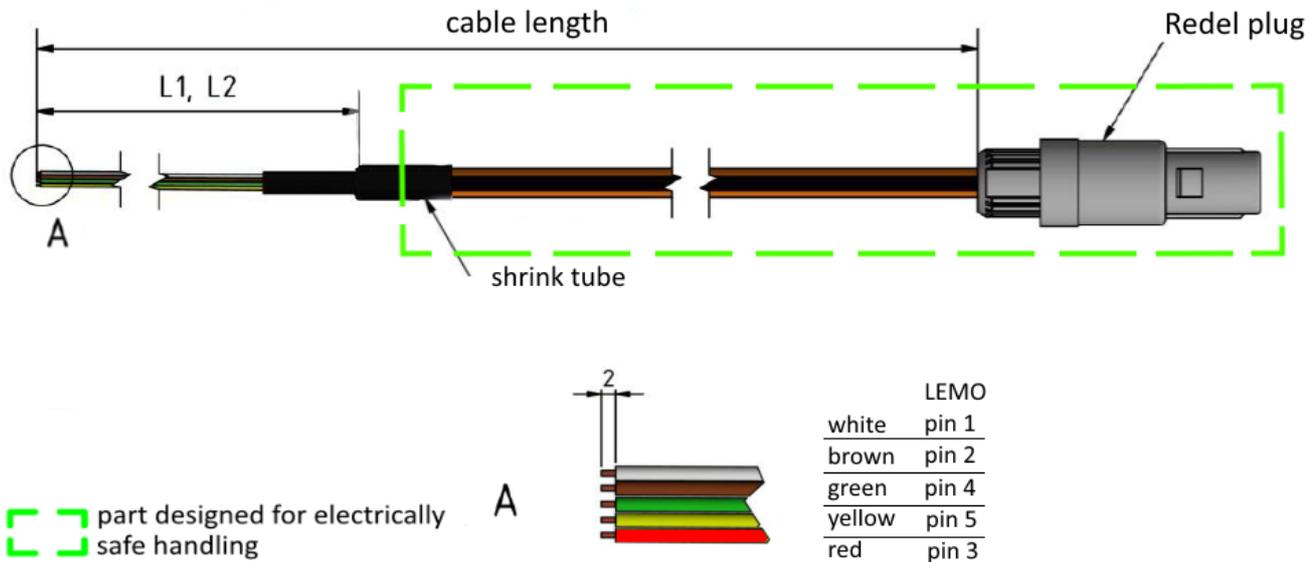
Parameter	Value	Remarks
Limiting deviation Class A	$\pm(0.15+0.002 \Delta t)$	DIN EN 60751
Temperature range connecting cable sensor	-40°C to 150°C (3000 h) -200°C to +600°C	1 minute (unit test)
Min. permissible bending radius	12x outer- \emptyset	

Dimensions		
Parameter	Value	Remarks
Outer- \emptyset	4.6 mm	CABLE-HV-L1P-PT100-3M
	4.9 mm	CABLE-HV-L1P-PT1000-3M
Cable length	3400 mm	
Stripping length L1 L2	200 mm (± 10 mm)	
	200 mm (± 10 mm)	
Measuring point: PI foil	25 x 12.5 mm	l x b
Sensor (L x W x H)	3 x 0.8 x 0.6 mm	

ACC/SENSORCABLE-HV-L1P

LEMO.1P (Redel) Sensor cable for High Voltage modules (HV)

HV-capable LEMO.1P (Redel, 5-pin) plug, e.g. for CRFX/HISO-8-L, CANFX/L-HISO8-L modules.



Structure	
Connection cable	Measuring wire, 8 x 0.03 mm ²
Color coding	DIN 47100 1-8, LEMO .1P, 5-pin, white = pin 1, brown = pin 2 green = pin 4, yellow = pin 5, red = pin 3
Isolation	FEP
Order Code	
ACC/SENSORCABLE-HV-L1P-3M	cable length 3 m
	article no. 13500318
Included accessories	
Terminal connection	<ul style="list-style-type: none"> Redel plug, 5-pin¹, G-coded protection cover on the plug
Sensor	<ul style="list-style-type: none"> 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 manual).

Technical Specs - SENSORCABLE-HV-L1P-3M

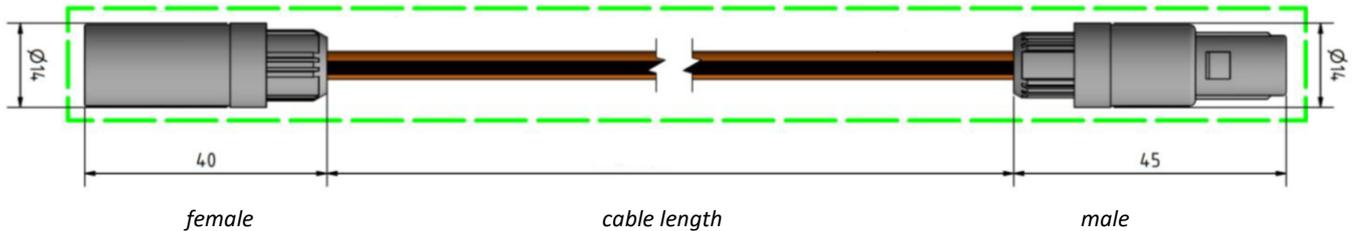
Parameter	Value	Remarks
Temperature range connection cable	-40°C to +150°C (3000 h)	
Voltage strength plug	1000 V	
Overvoltage protection plug	3000 V	1 minute (unit test)
Min. permissible bending radius	12x outer-Ø	

Dimensions		
Parameter	Value	Remarks
Outer-Ø	4.6 mm	
Cable length	3400 mm	
Stripping length L1	200 mm (±10 mm)	
L2	200 mm (±10 mm)	

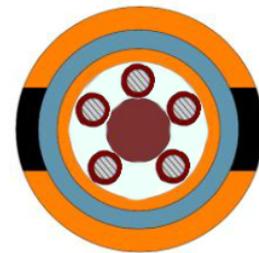
ACC/EXTCABLE-HV-L1P

Sensor extension cable 3 m for high voltage (HV)

HV-compatible plugs LEMO.1P (Redel, 5-pin) male and female, e.g. for HISO-8-L, CANFX/L-HISO8-L



part designed for electrically safe handling



Structure		
Min. permissible bending radius	12x outer- \varnothing	
Order Code		article no.
ACC/EXTCABLE-HV-L1P-3M	3 m cable length	13500394
Included accessories		
Terminal connection	<ul style="list-style-type: none"> • Redel plug (male and female, 5-pin ¹) • protection cover in the plug 	

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

Technical Specs - EXTCABLE-HV-L1P-3M

Parameter	Value	Remarks
Temperature range		
connection cable	-40°C to +150°C (3000 h)	
FEP lead isolation	-40°C to +180°C	
plug male / female	-50°C to +150°C	
Voltage strength		
via outer shell	1000 V	
plug male / female	1000 V	
Overvoltage protection		
plug	3000 V	1 minute (unit test)
Min. permissible bending radius	12x outer- \varnothing	
Dimensions	Value	Remarks
Outer- \varnothing	4.6 mm	
Cable length	3000 mm	