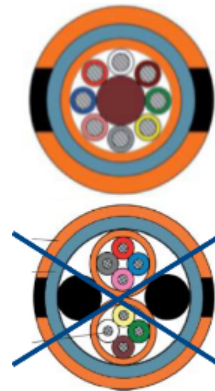
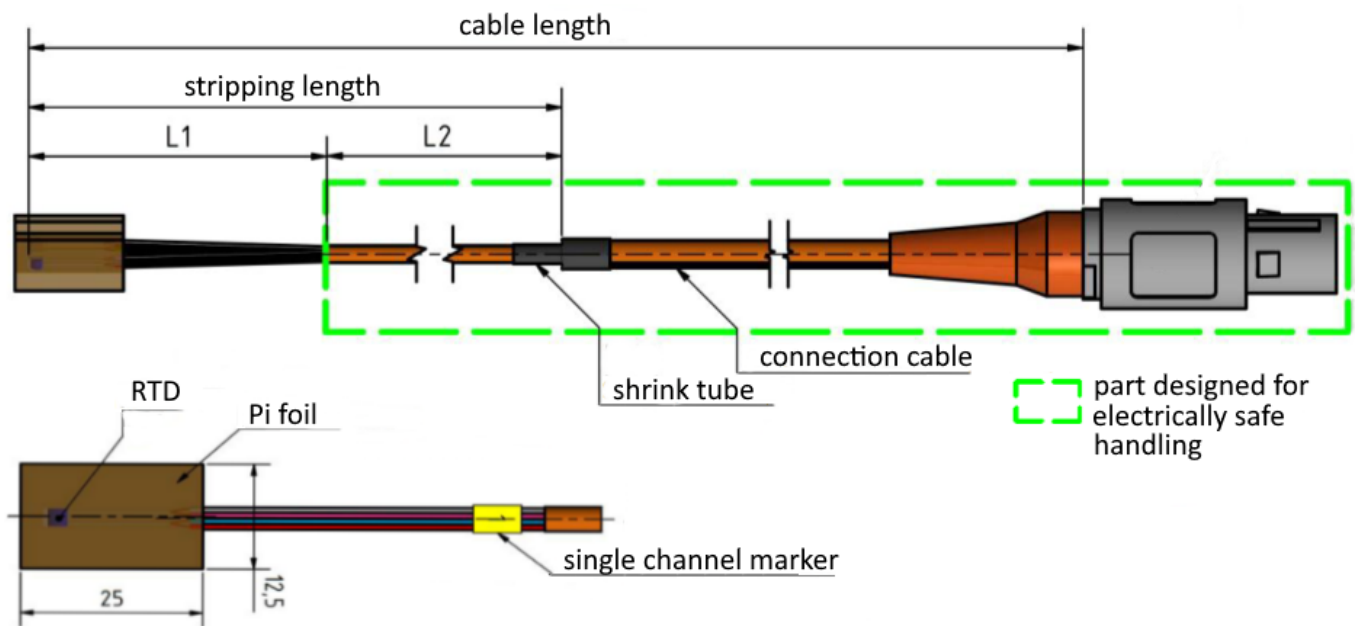


## ACC/CABLE-2HV

### LEMO.2P (Redel) 2 channel with PT100/PT1000 for High Voltage (HV) modules

Sensor cable with PT100 or PT1000 and with HV-capable LEMO.2P (Redel, 8-pin) plug, e.g. for CANFX/L-HISO8-4L, CANFT/HISO-UT-6-3L modules



Isolation 1000 V:  
**across outer sheath**  
 (not specified  
 between channels)

Structure	
Connection cable	FEP-isolated connection cable, 8x 0.03 mm <sup>2</sup>
Sensor	2x PT100, meets requirements of DIN EN 60751 (class A) on Kapton foil, in 4-wire configuration 2x PT1000, meets requirements of DIN EN 60751 (class A) on Kapton foil, in 4-wire configuration
Color coding	DIN 47100
Isolation	FEP

Order Code		article no.
ACC/SENSORCABLE-2HV-L2P-PT-3M	2-channel sensor cable with PT100, cable length 3 m	13500355
ACC/SENSORCABLE-2HV-L2P-PT1000-3M	2-channel sensor cable with PT1000, cable length 3 m	13500395

Included accessories	
Terminal connection	<ul style="list-style-type: none"> <li>• Redel-plug, C-coded, 8-pin <sup>1</sup>, golden contacts, protection cover on the plug</li> <li>• anti-buckling grommet orange on the plug</li> </ul>
2x RTD sensor element	<ul style="list-style-type: none"> <li>• PT100 or PT1000 sensor laminated with Kapton and with self-adhesive foil</li> <li>• Only use the product undamaged, only use by qualified personnel.</li> <li>• Do not cut or shorten the cable, otherwise new high voltage tests will be required.</li> </ul>

### Technical Specs - SENSORCABLE-2HV-L2P-PT/-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)
Voltage strength via outer sheath plug	1000 V 1000 V	
Overvoltage protection plug	3000 V	1 minute (unit test)
Min. permissible bending radius	12x outer- $\emptyset$	thermo cable

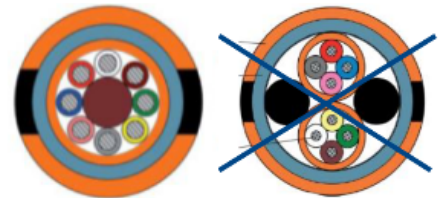
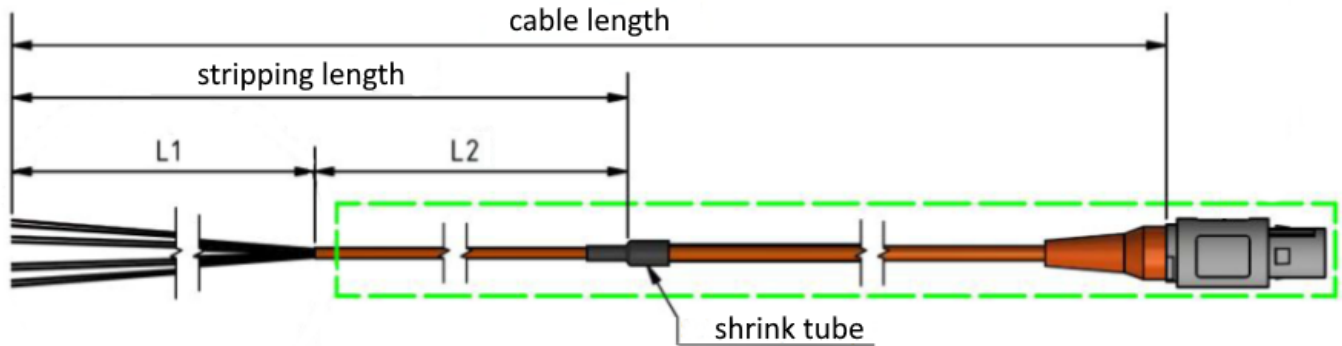
Dimensions		
Parameter	Value	Remarks
Outer- $\emptyset$	4.6 mm	
Cable length	3400 mm	
Stripping length	800 mm	L1: 400 mm, L2: 400 mm

1 Please find the pin configuration in the imc Manual (imc CANSAS User Manual).

## ACC/SENSORCABLE-2HV-L2P-3M

### LEMO.2P (Redel) 2-channel with open leads for High Voltage (HV) modules

HV-capable LEMO.2P (Redel, 8-pin) plug, e.g. for CANFX/L-HISO8-4L, CANFT/HISO-UT-6-3L modules



Isolation 1000 V:  
**across outer sheath**  
 (not specified between channels)

Structure	
Connection cable	FEP-isolated connection cable, 8x 0.03 mm <sup>2</sup>
Color coding	DIN 47100
Isolation	FEP

Order Code		article no.
ACC/SENSORCABLE-2HV-L2P-3M	2-channel cable with 8 open leads, cable length 3 m	13500356

Included accessories
<ul style="list-style-type: none"> <li>• Redel-plug, C-coded, 2-pin <sup>1</sup>, golden contacts, safe handling, anti-buckling grommet and protection cover on plug</li> <li>• Only use the product undamaged, only use by qualified personnel</li> <li>• Do not cut or shorten the cable, otherwise new high voltage tests will be required.</li> </ul>

Pin	color	CANFT/HISO-UT-6	CANFX/L-HISO8-4L
1	white	+IN1	+IN1
2	brown	-IN1	-IN1
3	green	+SUPPLY1	+I1
4	yellow	-SUPPLY1	-I1
5	grey	+IN2	+IN2
6	pink	-IN2	-IN2
7	blue	+SUPPLY2	+I2
8	red	-SUPPLY2	-I2

1 Please find the pin configuration in the imc Manual (imc CANSAS User Manual).

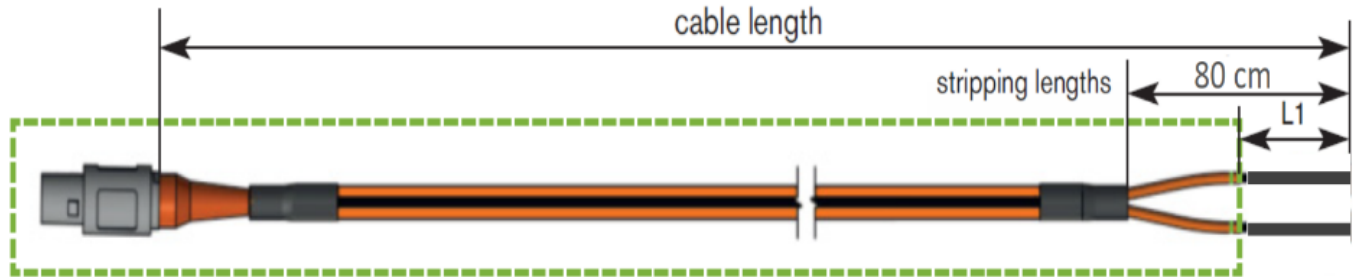
### Technical Specs - SENSORCABLE-2HV-L2P-3M

Parameter	Value	Remarks
Temperature range Connection cable	-40°C bis +150°C (3000 h)	+125°C permanent use
Voltage strength via outer sheath plug	1000 V 1000 V	
Overvoltage protection plug	3000 V	1 minute (unit test)
Min. permissible bending radius	12x outer- $\varnothing$	thermo cable
Dimensions	Value	Remarks
Outer- $\varnothing$	4.6 mm	
Cable length	3400 mm	
Stripping length	800 mm	L1: 400 mm, L2: 400 mm

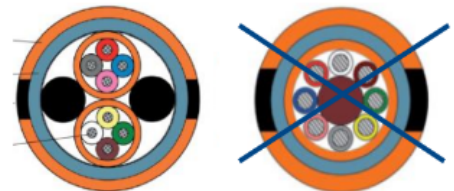
## ACC/CABLE-2HVex

### LEMO.2P (Redel) 2 channel with open leads for High Voltage (HV) modules

HV-capable LEMO.2P (Redel, 8-pin) plug, e.g. for CANFX/L-HISO8-4L, CANFT/HISO-UT-6-3L modules, with increased isolation between the two channels.



part designed for electrically safe handling



Isolation 1000 V: across outer sheath and between channels (4-wire groups)

Structure	
Connection cable	FEP-isolated connection cable
Color coding	DIN 47100
Isolation	FEP

Order Code		article no.
ACC/SENSORCABLE-2HVex-L2P-3M	2-channel cable with open leads, cable length 3 m	13500396

Included accessories	
Terminal connection	<ul style="list-style-type: none"> <li>• Redel-plug, C-coded, 8-pin <sup>1</sup>, protection cover on the plug</li> <li>• anti-buckling grommet orange on the plug</li> <li>• Only use the product undamaged, only use by qualified personnel.</li> <li>• Do not cut or shorten the cable, otherwise new high voltage tests will be required.</li> </ul>

<sup>1</sup> Please find the pin configuration in the imc CANSAS Manual.

### Technical Specs - SENSORCABLE-2HVex-L2P-3M

Parameter	Value	Remarks
Temperature range	-40°C to +150°C (3000 h)	+125°C permanent use
Voltage strength via outer sheath plug	1000 V 1000 V	between the two 4-wire groups
Overvoltage protection isolated measuring tip plug	3000 V 3000 V	1 minute (unit test) 1 minute (unit test)
Min. permissible bending radius	12x outer-Ø	thermo cable

#### Dimensions

Parameter	Value	Remarks
Outer-Ø	7.2 mm	
Cable length	3400 mm	
Stripping length	1200 mm	L1: 400 mm, L2: 800 mm