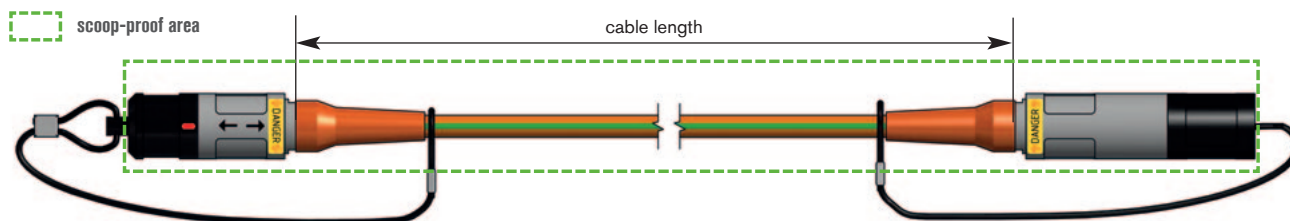


HV extension cable type K

HV 4- and 1-channel extension cable with FEP insulated thermo channels



Application range:

Extension of 4- or 1-channel high voltage sensors type K

Connectors:

Lemo Redel connector - male and female, with orange kink protection sleeve and black protecting cap

4-channel:
8-pin, B-coded
1000 V AC voltage-stable - IP 67 when connected

2-channel:
2-pin, C-coded
1000 V AC voltage-stable - IP 67 when connected

Cable data:

	4-channel	1-channel
Connection cable:	HV thermo cable type K	HV thermo cable type K
Insulation:	FEP – green and white	FEP – green and white
Pair sheath:	FEP – orange with green vertical stripes	FEP – orange with green vertical stripes
Inner sheath:	FEP – blue acc. to RAL 5024	FEP – blue acc. to RAL 5024
Outer sheath:	PUR	PUR
Sheath colour:	orange with green vertical stripes	orange with green vertical stripes
Stranding:	paired construction (for EMC)	paired construction (for EMC)
Outer diameter:	approx. 6,1 mm	approx. 3,4 mm
Dielectric strength:	1000 V AC	1000 V AC over single channel
Temperature range		
fixed laying:	-50°C / +150°C	-50°C / +150°C
flexible application:	-40°C / +150°C	-40°C / +150°C
Special characteristics:	contact protection over all components ✓	contact protection over all components ✓

Tests:

► Cable test

over pair sheath in water bath –
5000 V AC – 5 min – with reference to EN 50264-2-1

► Product test

routine test of harnessed connector with reference to standard 61010-1 for measuring devices as well as VDE indications in our in-house ball bath (released by VDE). Control of contact protection towards outside – 3000 V/1 min AC

Issue of HV test certificate with reference to batch number due to optimum traceability

Optional: Test and repair of already used sensors on request

1.1.6

13

CONFIGURATION EXAMPLES

item no.	connection cable length [mm]	channels
T141-054-030	1000	4
T141-054-143	2000	4
T141-058-575	3000	4
T141-058-576	5000	4

Total lengths can be realised on customer's request.

CONFIGURATION EXAMPLES

item no.	connection cable length [mm]	channels
T141-062-840	1000	1
T141-062-843	3000	1
T141-062-844	5000	1

Total lengths can be realised on customer's request.

SAB identification:

item number, batch number, length