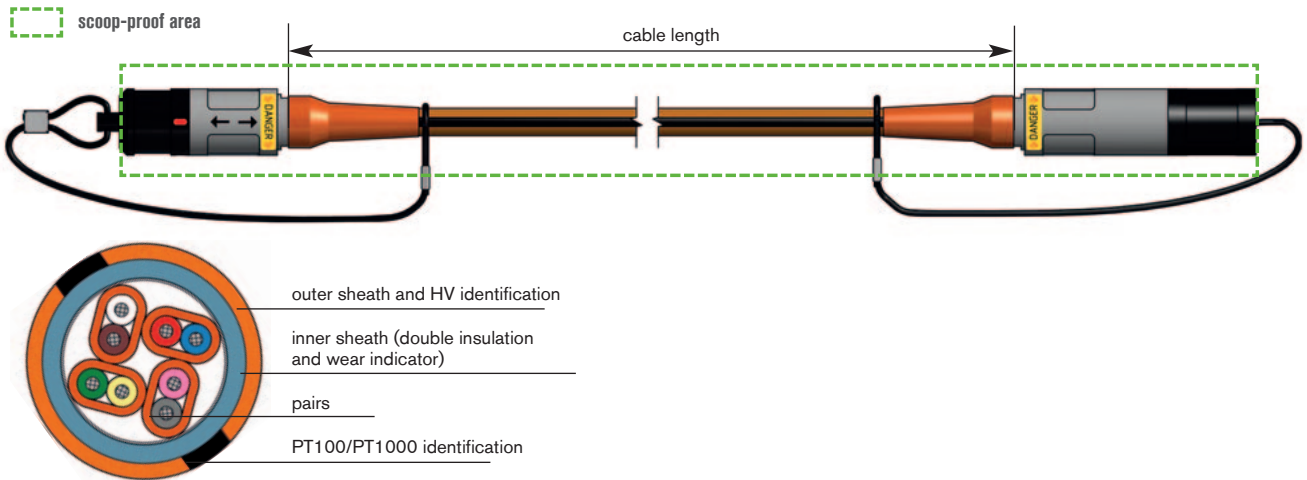


## HV extension cable PT100/PT1000

HV 2 x PT100/PT1000 extension cable



### Application range:

Extension of HV 2 x Pt 100 sensors

### Connectors:

Lemo Redel male connector -  
male/female connector with orange kink protection sleeve  
and black protecting cap, 8-pin, C-coded  
1000 V AC voltage-stable – IP 67 when connected

### CONFIGURATION EXAMPLES

item no.	connection cable length [mm]
T641-056-497	1000
T641-058-117	3000
T641-058-574	5000

Total cable and channel lengths can be realised on customer's request.

### Cable data:

Connection cable:	HV measuring cable
Insulation:	FEP – acc. to DIN 47100 1-8
Pair sheath:	FEP – orange acc. to RAL 2004
Inner sheath:	PUR – blue acc. to RAL 5024
Outer sheath:	PUR
Sheath colour:	orange with green vertical stripes
Stranding:	optimised in layers
Outer diameter:	approx. 7,4 mm
Dielectric strength:	1000 V AC over pair sheath
Temperature range	
fixed laying:	-40°C / +150°C
flexible application:	-40°C / +150°C
Special characteristics:	contact protection over all components ✓

1.3.2

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### Tests:

#### ► Cable test

core/core – 2500 V AC - 5 min  
over pair sheath –  
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*

### SAB identification:

item number, batch number, length