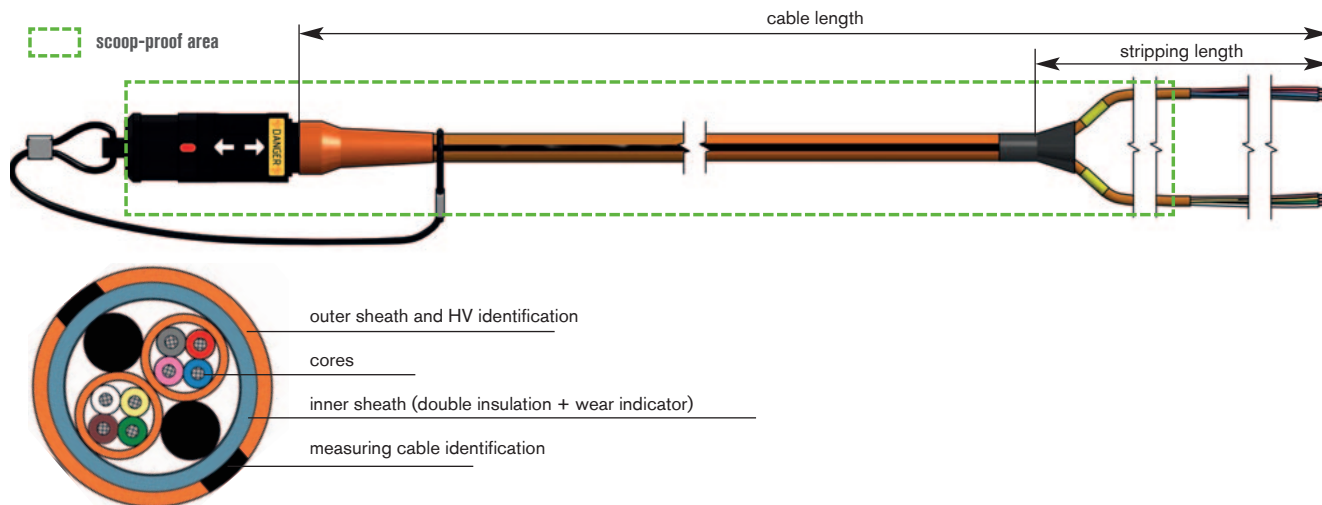


HV analogue measuring cable

HV 2-channel analogue measuring cable for CSM measurement technology (90 V)



Application range:

Safe HV analogue measurements with standard sensors combined with CSM measuring modules
HV AD2 IF20, HV AD4 IF20 & HV AD4 IF1000

Connector:

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

Connection end:

(stripping lengths)

Outer sheath:	100 mm
Pair sheath:	10 mm
Open end:	2 mm
Connection:	tinned

Cable data:

Connection cable:	HV measuring cable
Core 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 black vertical stripes
Stranding:	optimised in layers
Outer diameter:	approx. 7,3 mm
Dielectric strength:	1000 V AC over orange bundle sheath
Temperature range	
fixed laying:	-50°C / +150°C
flexible application:	-40°C / +150°C

Tests:

► Cable test

core/core – 600 V AC - 1 min - acc. to IEC 60584-1
over orange bundle 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

CONFIGURATION EXAMPLES

item no.	connection cable length [mm]	single channel length [mm]		
		sheath	pair	core
T641-056-710	2000	100	10	2
T641-056-711	3000	100	10	2

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

SAB identification:

item number, batch number