HIGH VOLTAGE MEASURING CABLE

HV measuring cable with increased contact protection



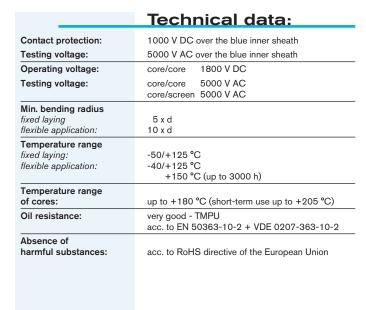




Marking for HV measuring cable 38339800: SAB BRÖCKSKES · D-VIERSEN · ½ HV-Messleitung (2x0,25mm²) ½ C6

Application: The high voltage measuring cable is used in the development of electric vehicles where scoop-proof testing & measuring of up to 1800 V DC operating voltage and application in the high voltage environment of electromobility takes place. Examples of applications are HV power electronics, HV batteries, electric motors, inverters, etc. High voltage measuring cables are used on the test benches and in test vehicles.

	Construction:				
Conductor:	tinned copper strands, extra fine wires				
Insulation:	FEP				
Colour code:	black and red				
Stranding:	in layers with tinned copper drain wire, AWG 24				
Screen:	alu foil and tinned copper braiding				
Inner sheath:	FEP, colour: sky blue				
Sheath material:	PUR				
Sheath colour:	orange with black vertical stripes				





Outstanding features:

temperature resistance up to +150 °C (up to 3000 hours)

- high flexibility
- high abrasion resistance
- easy harnessing

item no.	no. of cores x cross section n x mm ²	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
38339800	2 x 0,25	0,11	6,5	21,3	61
38339805	4 x 0,25	0,11	7,2	28,1	79
38339801	2 x 0,50	0,16	7,1	28,1	74
38339802	2 x 1,00	0,16	7,8	42,5	94
38339803	2 x 1,50	0,16	8,4	55,8	113
38339813	4 x 1,50	0,16	9,4	88,5	156

Other dimensions and colours are possible on request.



Possible on request:

 also possible as harnessed measuring cable with connected lab plugs to collect the tension at HV components.

