

4-pair low-capacitance instrumentation cable

DIREKTRONIK

EC Low Voltage Directive 2014/35/EU



Description

Instrumentation and control electrical cables for industrial use, with PE insulation, shielded pairs, and halogen-free polyolefin sheath.

Constructed in accordance with the EN 50288-7 standard.

Technical Specifications

Conductor:	Tinned copper flexible High density polyethylene (ADPE) s/EN 13602		
Insulation:	Black-White, Purple-Brown, Red-Blue, Yellow-Green		
Pairs Identification:	Wired conductors Al/Polyester Tape 100% coverage +		
Formation:	Drain CuSn 0,22 mm ² Al/Polyester Tape 100% coverage +		
Individual Screen:	Drain CuSn 0,22 mm ² Polyolefin type LSZH		
General Screen:			
Jacket:			
Colour:	Marking:	Black Based on customer's	s/RAL 9005
Presentation:	request 500 meter spools		
Rated Voltage A.C.:	250 V		
Rated Voltage D.C.:	300 V		
Test Voltage D.C.:	1000 V		
Operative Temperature:	-15°C a +70°C		
Bending Radius:	10 Ø		
UV Resistance:	O.K.		

s/UNE 211605

Fire Characteristics

TESTS	REGULATION	RESULTS
No flame propagation (Flame Rtardant)	IEC 60332-1-2	PASS
Smoke emission	IEC 61034-1-2	PASS
Halogen free (HCl)	IEC 60754-1	< 0,5 PASS
Acidity of gases (Corrosivity)	IEC 60754-2	Ph ≥ 4,3 / Conductivity ≤ 100 µS/cm

Characteristics

S CTION (Nominal) mm ²	ELECTRIC RESISTANCE (Max. at 20°C) Ω/km	CAPACITANCE PAIR (Medium) pF/m	TENSILE STRESS (Max.) N	WEIGHT (Aprox.) Kg/km	Ø EXT. (Medium) mm
4 x 2 x 0,35 (22AWG)	55,5	< 60	140	135,00	12,00 ± 0,60

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