

Compensation & Extension Cables

PVC insulated cables

A 20 L · A 20-022 L · A 20 D

with
alu-foil shield



A 20 L · A 20-022 L



A 20 D

Construction:

Insulation:	PVC, Tl2 acc. to EN 50363-3 + VDE 0207-363-3
Stranding:	2 conductors together
Wrapping:	PETP foil bare copper ground wire 0.5mm ø
Shielding:	alu foil
Jacket material:	PVC, TM2 acc. to EN 50363-4-1 + VDE 0207-363-4-1
Shape:	round
Conductor construction:	A 20 L, A 20-022 L: strand A 20 D: wire

Technical data:

Min. bending radius:	A 20 L, A 20-022 L: 7.5 x O.D. A 20 D: 12 x O.D.
Radiation resistance:	8 x 10 ⁷ cJ/kg
Temperature range of insulation:	static: -40/+70°C flexible: +5/+70°C
Insulation resistance:	> 1MΩ x km
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

Type:	A 20 L:	A 20-022 L	A 20 D:
Conductor cross section:	1.5 mm ²	0.22 mm ²	1.5 mm ²
Outer diameter:	approx. 6.6 mm	approx. 3.9 mm	approx. 6.4 mm
Weight/100m:	approx. 5.5 kg	approx. 1.9 kg	approx. 5.5 kg

IEC 60584

for thermocouple	EMK at 100°C in mV	cable type	A 20 L item no.	A 20-022 L item no.	A 20 D item no.
Type T	4.28	TX	4548958	4541958	4648988
Type J	5.27	JX	4548952	4541952	4648982
Type K	4.10	KCA	4548995	4541995	4648915
Type K	4.10	KCB	4548999	4541999	4648919
Type K	4.10	KX	4548954	4541954	4648984
Type E	6.32	EX	4548953	4541953	4648983
Type R/S	0.65	R/SCB	4548997	4541997	4648917
Type N	2.77	NC	4548991	4541991	4648911

DIN 43710 / 43714 (not valid for type B*)

We continue to manufacture compensating and extension cables with color code acc. to DIN 43714 and the basic values of DIN 43710.

for thermocouple	EMK at 100°C in mV	cable type	A 20 L item no.	A 20-022 L item no.	A 20 D item no.
Type L	5.37	LX	4548992	4541992	4648912
Type K	4.10	KCA	4548994	4541994	4648914
Type R/S	0.65	R/SCB	4548996	4541996	4648916
Type U	4.25	UX	4548998	4541998	4648918
Type B*	0.00	BC-100	4548901	4541901	4648921
Type B*	0.033	BC-200	4548902	4541902	4648922

* Not standardized compensating cable for thermocouples type B with application temperatures up to 100°C resp. 200°C.
C = compensating cables · X = extension cables