

COMPENSATING AND EXTENSION CABLES

Besilen® insulated cables A 15 L · A 15-075 L · A15-050 L · A15-022 L



A 15 L · A 15-075 L · A15-050 L · A15-022 L

Construction:

Insulation:	Besilen® EI2 acc. to DIN EN 50363-1
Stranding:	2 cores together
Sheath material:	Besilen® EM9 acc. to DIN EN 50363-2-1
Shape:	round
Conductor construction:	strand

Technical data:

Min. bending radius:	7,5 x d
Radiation resistance:	2 x 10 ⁷ cJ/kg
Temperature range of insulation:	fixed laying: -40/+180 °C flexible application: -25/+180 °C short-time use: +250 °C
Insulation resistance:	> 1MΩ x km
Halogen-free:	acc. to DIN VDE 0472 part 815 + IEC 60754-1
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2
Corrosiveness of conflagration gases:	in compliance with IEC 60754-2 + EN 50267-2-2 + VDE 0482 part 267-2-2 - no development of corrosive conflagration gases
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/17

Type:	A 15 L	A 15-075 L	A 15-050 L	A 15-022 L
Conductor cross section:	1,5 mm ²	0,75 mm ²	0,50 mm ²	0,22 mm ²
Outer diameter:	approx. 6,3 mm	approx. 4,9 mm	approx. 4,3 mm	approx. 3,3 mm
Weight/100m:	approx. 5,7 kg	approx. 3,4 kg	approx. 2,5 kg	approx. 1,6 kg

DIN IEC 584

for thermocouple	EMF at 100 °C in mV	cable type	A 15 L item no.	A 15-075 L item no.	A 15-050 L item no.	A 15-022 L item no.
Type T	4,28	TX	04268958	04265958	04263958	04261958
Type J	5,27	JX	04268952	04265952	04263952	04261952
Type K	4,10	KCA	04268995	04265995	04263995	04261995
Type K	4,10	KCB	04268999	04265999	04263999	04261999
Type K	4,10	KX	04268954	04265954	04263954	04261954
Type E	6,32	EX	04268953	04265953	04263953	04261953
Type R/S	0,65	R/SCB	04268997	04265997	04263997	04261997
Type N	2,77	NC	04268991	04265991	04263991	04261991

We also manufacture compensating and extension cables colour coded to DIN VDE 43714 – 06/79 and the basic values laid down in DIN VDE 43710 which was withdrawn in April 1994.

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

for thermocouple	EMF at 100 °C in mV	cable type	A 15 L item no.	A 15-075 L item no.	A 15-050 L item no.	A 15-022 L item no.
Type L	5,37	LX	04268992	04265992	04263992	04261992
Type K	4,10	KCA	04268994	04265994	04263994	04261994
Type R/S	0,65	R/SCB	04268996	04265996	04263996	04261996
Type U	4,25	UX	04268993	04265993	04263993	04261993
*Type B	0,00	BC-100	04268901	04265901	04263901	04261901
*Type B	0,033	BC-200	04268902	04265902	04263902	04261902

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