

Compensating and extension cables

Fibre-glass insulated cables

A 15-022 · A 15-G 022 with outer fibre-glass braiding



A 15-022



A 15-G 022

Construction:

Insulation:	fibre-glass
Stranding:	2 cores together
Sheath material:	Besilen® EM9 acc. to EN 50363-2-1 + VDE 0207-363-2-1
Braiding:	A15-G 022: fibre-glass with tracer
Shape:	round
Conductor construction:	strand

Technical data:

Min. bending radius:	7,5 x d
Temperature range of insulation:	fixed laying: -40/+180 °C flexible application: -25/+180 °C short-time use: +250 °C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
Corrosiveness of conflagration gases:	in compliance with IEC 60754-2 + VDE 0482-754-2 - no development of corrosive conflagration gases
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“

Type:	A 15-022	A 15-G 022
Conductor cross section:	0,22 mm ²	0,22 mm ²
Outer diameter:	approx. 2,9 mm	approx. 3,4 mm
Weight/100m:	approx. 1,1 kg	approx. 1,7 kg

IEC 60584

for thermocouple	EMK at 100 °C in mV	cable type	A 15-022 item no.	A 15-G 022 item no.
Type T	4,28	TX	04511958	04521958
Type J	5,27	JX	04511952	04521952
Type K	4,10	KCA	04511995	04521995
Type K	4,10	KCB	04511999	04521999
Type K	4,10	KX	04511954	04521954
Type E	6,32	EX	04511953	04521953
Type R/S	0,65	R/SCB	04511997	04521997
Type N	2,77	NC	04511991	04521991

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

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

for thermocouple	EMK at 100 °C in mV	cable type	A 15-022 item no.	A 15-G 022 item no.
Type L	5,37	LX	04511992	04521992
Type K	4,10	KCA	04511994	04521994
Type R/S	0,65	R/SCB	04511996	04521996
Type U	4,25	UX	04511998	04521998
Type B*	0,00	BC-100	04511901	04521901
Type B*	0,033	BC-200	04511902	04521902

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