

Compensation & Extension Cables

Fiber-glass insulated cables

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



A 15-022



A 15-G 022

Construction:

Insulation:	fiber-glass
Stranding:	2 conductors together
Jacket material:	Besilen® EM9 acc. to EN 50363-2-1 + VDE 0207-363-2-1
Braiding:	A 15-G 022: fiber glass with tracer
Shape:	round
Conductor construction:	strand

Technical data:

Min. bending radius:	7,5 x O.D.
Temperature range of insulation:	<i>static:</i> -40/+180°C <i>flexible:</i> -25/+180°C <i>short-time use:</i> +250°C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
Corrosivity:	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 page O/30

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	4511958	4521958
Type J	5.27	JX	4511952	4521952
Type K	4.10	KCA	4511995	4521995
Type K	4.10	KCB	4511999	4521999
Type K	4.10	KX	4511954	4521954
Type E	6.32	EX	4511953	4521953
Type R/S	0.65	R/SCB	4511997	4521997
Type N	2.77	NC	4511991	4521991

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 15-022 item no.	A 15-G 022 item no.
Type L	5.37	LX	4511992	4521992
Type K	4.10	KCA	4511994	4521994
Type R/S	0.65	R/SCB	4511996	4521996
Type U	4.25	UX	4511998	4521998
Type B*	0.00	BC-100	4511901	4521901
Type B*	0.033	BC-200	4511902	4521902

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