PVC insulated cables

A 12 L · A 12 D

A 12 L

A 12 D

A 12 L:
Also available with cross-sections 1,0 mm², 0,75 mm², 0,5 mm² and 0,22 mm²!

Construction:

Insulation:	PVC, TI2 acc. to EN 50363-3 + VDE 0207-363-3
Stranding:	2 cores parallel
Sheath material:	PVC, TM2 acc. to EN 50363-4-1 + VDE 0207-363-4-1
Shape:	oval
Conductor construction:	strand resp. wire

Technical data:

Min. bending radius:	**A 12 L:** 7,5 x d **A 12 D:** 12 x d
Radiation resistance:	8 x 10^7 cJ/kg
Temperature range of insulation:	fixed laying: -40/+70 °C flexible application: +5/+70 °C
Insulation resistance:	> 1MΩ x km
Fire performance:	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 chapter N „Technical Data“

Type:	**A 12 L**	**A 12 D**
Conductor cross section:	1,5 mm²	1,5 mm²
Outer diameter:	approx. 3,7 x 6,1 mm	approx. 3,2 x 5,3 mm
Weight/100m:	approx. 4,2 kg	approx. 4,3 kg

IEC 60584

for thermocouple	EMK at 100 °C in mV	cable type	**A 12 L** item no.	**A 12 D** item no.
Type T	4,28	TX	04448958	04458988
Type J	5,27	JX	04448952	04458982
Type K	4,10	KCA	04448995	04458915
Type K	4,10	KCB	04448999	04458919
Type K	4,10	KX	04448954	04458984
Type E	6,32	EX	04448953	04458983
Type R/S	0,65	R/SCB	04448997	04458917
Type N	2,77	NC	04448991	04458911

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and extension cables colour coded to VDE 43714 – 06/79 and the basic values laid down in VDE 43710 which was withdrawn in April 1994.

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

for thermocouple	EMK at 100 °C in mV	cable type	**A 12 L** item no.	**A 12 D** item no.
Type L	5,37	LX	04448992	04458912
Type K	4,10	KCA	04448994	04458914
Type R/S	0,65	R/SCB	04448996	04458916
Type U	4,25	UX	04448998	04458918
Type B*	0,00	BC-100	04448901	04458921
Type B*	0,033	BC-200	04448902	04458922

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