



Extension wire for thermocouple PVC insulated

Model P/ALPTWK

Example of use

Signal connection of thermocouples.

Max. temp.

90 °C

Min. temp.

-15 °C

Conductors

Area: 0.52 mm² (AWG 20)

Strands: 1 x 0.81 mm

Insulation: PVC

Conductors are twisted in the outer sheathing and each pair is numbered.

Communication conductor³

Multistrand, PVC-insulated.

Outer sheathing

Screen: Aluminum tape on polyester base plus ground conductor.

Insulation: PVC

Bending radius must not be less than 6 times the outer diameter.

Colour code

According to IEC 60584



Part nr.	Nr. of pairs ¹	Type	Out. diam. ±10% (mm)	Weight kg/km	Resistance ohm/m	Colour code	Tolerance class IEC 60584	Spec.
04-22010	2	KX	Ø 9	120	1.9	IEC 60584-3	2	
04-22020	4	KX	Ø 9	145	1.9	IEC 60584-3	2	
04-22130	6	KX	Ø 11	170	1.9	IEC 60584-3	2	UL-listed
04-24030	6	KX	Ø 13	210	1.9	ANSI MC 96.1 ²	2	
04-22040	8	KX	Ø 14	224	1.9	IEC 60584-3	2	
04-22050	12	KX	Ø 15	304	1.9	IEC 60584-3	2	
04-22060	24	KX	Ø 22	590	1.9	IEC 60584-3	2	
04-52030	6	NX	Ø 13	195	2.6	IEC 60584-3	2	
04-52040	8	NX	Ø 14	224	2.6	IEC 60584-3	2	
04-52050	12	NX	Ø 15	304	2.6	IEC 60584-3	2	
04-52060	24	NX	Ø 22	609	2.6	IEC 60584-3	2	
04-52130	6	NX	Ø 11	150	2.6	IEC 60584-3	2	UL-listed
04-52140	8	NX	Ø 12	202	2.6	IEC 60584-3	2	UL-listed
04-52150	12	NX	Ø 14	280	2.6	IEC 60584-3	2	UL-listed
04-52160	24	NX	Ø 19	510	2.6	IEC 60584-3	2	UL-listed

1) For other cable alternatives please contact Pentronic

2) Multistrand type. ANSI type K: Outer sheathing and positive lead yellow. Negative lead red.

3) Available on some of our cables