



PFA EXTENSION CABLE

IEC 60584-3 / ANSI MC96.1

12 orderable sizes

STANDARD IEC 60584-3 / ANSI MC96.1	VOLTAGE CLASS Instrumentation signal circuit	TEMPERATURE CLASS -75 °C to +250 °C cable route
CONDUCTOR 1/0.2 mm solid / 32 AWG, 1/0.3 mm solid / 28 AWG, 1/0.5 mm solid / 24 AWG, 7/0.2 mm stranded / 24 AWG	INSULATION / JACKET PFA outer jacket	

Construction

- 1 ■ Conductor (per core) – Positive NiCr / negative NiAl · 1 × Ø0.5 mm
- 2 ■ Pair insulation – PFA insulated conductors with PFA outer jacket · Wall PFA insulated conductors with PFA outer jacket mm
- 3 ■ Filler – Bedding / filler
- 4 ■ Sheath – PFA outer jacket

Size selection — all available cross-sections

Cable reference	Thermocouple type	Cable grade	Pair layout	Conductor construction	Alloy combination	Insulation / sheath	Screen / protection	Temperature range	Tolerance class	OD guide
PFA insulated thermocouple extension cable KX 1 pair 1/0.2 mm solid / 32 AWG	KX	Extension grade	1 pair	1/0.2 mm solid / 32 AWG	Positive NiCr / negative NiAl	PFA insulated conductors with PFA outer jacket	Screen-free bonded or twisted pair construction	-75 °C to +250 °C cable route	IEC 60584-3 Class 1 / Class 2 option	7.7 mm
PFA insulated thermocouple extension cable KX 1 pair 1/0.3 mm solid / 28 AWG	KX	Extension grade	1 pair	1/0.3 mm solid / 28 AWG	Positive NiCr / negative NiAl	PFA insulated conductors with PFA outer jacket	Screen-free bonded or twisted pair construction	-75 °C to +250 °C cable route	IEC 60584-3 Class 1 / Class 2 option	7.8 mm
PFA insulated thermocouple extension cable KX 1 pair 1/0.5 mm solid / 24 AWG	KX	Extension grade	1 pair	1/0.5 mm solid / 24 AWG	Positive NiCr / negative NiAl	PFA insulated conductors with PFA outer jacket	Screen-free bonded or twisted pair construction	-75 °C to +250 °C cable route	IEC 60584-3 Class 1 / Class 2 option	8.0 mm
PFA insulated thermocouple extension cable KX 1 pair 7/0.2 mm stranded / 24 AWG	KX	Extension grade	1 pair	7/0.2 mm stranded / 24 AWG	Positive NiCr / negative NiAl	PFA insulated conductors with PFA outer jacket	Screen-free bonded or twisted pair construction	-75 °C to +250 °C cable route	IEC 60584-3 Class 1 / Class 2 option	8.2 mm
PFA insulated thermocouple extension cable JX 1 pair 1/0.2 mm solid / 32 AWG	JX	Extension grade	1 pair	1/0.2 mm solid / 32 AWG	Positive iron / negative constantan	PFA insulated conductors with PFA outer jacket	Screen-free bonded or twisted pair construction	-75 °C to +250 °C cable route	IEC 60584-3 Class 1 / Class 2 option	7.7 mm
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PFA insulated thermocouple extension cable TX 1 pair 1/0.2 mm solid / 32 AWG	TX	Extension grade	1 pair	1/0.2 mm solid / 32 AWG	Positive copper / negative constantan	PFA insulated conductors with PFA outer jacket	Screen-free bonded or twisted pair construction	-75 °C to +250 °C cable route	IEC 60584-3 Class 1 / Class 2 option	7.7 mm
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