

Extension cable for Type K thermocouple probes

VKA

Introduction

Extending a Type K thermocouple probe should not compromise the measurement chain. This cable gives users a compatible connection between probe and instrument, using a silicone thermo line designed as a compensation lead for Type K thermocouple probes.

The common Type K flat-pin plug and matching flat-pin socket make it easy to connect existing probe setups without changing the interface. Because the cable is a compensating lead, it avoids the additional errors that non-compensating cables would introduce.

Available in different lengths, it helps adapt the measuring setup to the position of the probe, instrument or measurement point while keeping the Type K connection consistent.

Features

Compensation lead

The cable extends Type K thermocouple probes with a compensating conductor matched to the measurement chain.

Silicone thermo line

The extension uses a silicone thermo line for Type K thermocouple probe connections.

Miniature flat-pin interface

The cable is equipped with a miniature flat-pin plug and a matching miniature flat-pin socket.

Length variants

The family is available in different cable lengths for different installation and measurement setups.



Cleaner extension

Compensation lead avoids added errors from non-compensating cables.



Type K connection

Common Type K flat-pin plug and socket fit compatible thermocouple setups.



Flexible lengths

Different lengths help match the cable to the probe and instrument position.

Technical Specifications

Measurement

Measuring principle	Thermocouples
Temperature sensor	Type K

Probe

Cable	Silicone, 1 m / 1.5 m / 2 m / 3 m / 4 m / 5 m / 10 m (depending on article) Other lengths available upon request
Connection	Miniature flat pin plug

Available product variants (Standard)

Ordercode	Description	Article No.
VKA-L010	VKA-L010: 10 m - Extension cable for Type K probe setups, with silicone thermo line, compensation lead, miniature flat-pin plug and miniature flat-pin socket, available in different lengths.	477395
VKA-L001	VKA-L001: 1 m - Extension cable for Type K probe setups, with silicone thermo line, compensation lead, miniature flat-pin plug and miniature flat-pin socket, available in different lengths.	602909
VKA-L002	VKA-L002: 2 m - Extension cable for Type K probe setups, with silicone thermo line, compensation lead, miniature flat-pin plug and miniature flat-pin socket, available in different lengths.	602910
VKA-L001.5	VKA-L001.5: 1.5 m - Extension cable for Type K probe setups, with silicone thermo line, compensation lead, miniature flat-pin plug and miniature flat-pin socket, available in different lengths.	602933
VKA-L005	VKA-L005: 5 m - Extension cable for Type K probe setups, with silicone thermo line, compensation lead, miniature flat-pin plug and miniature flat-pin socket, available in different lengths.	604395
VKA-L004	VKA-L004: 4 m - Extension cable for Type K probe setups, with silicone thermo line, compensation lead, miniature flat-pin plug and miniature flat-pin socket, available in different lengths.	605888
VKA-L003	VKA-L003: 3 m - Extension cable for Type K probe setups, with silicone thermo line, compensation lead, miniature flat-pin plug and miniature flat-pin socket, available in different lengths.	607190