



Sheathed thermocouple with cable

Type 20-40100599-0150AS1X30A

Series 20-TOM

Sheathed thermocouples of the 20-TOM series are characterized by high resistance to vibrations and high flexibility with diameters below 3mm.

Thermocouples generate a voltage signal [mV] directly dependent on the measured temperature and type of thermocouple (J, K, S etc.).

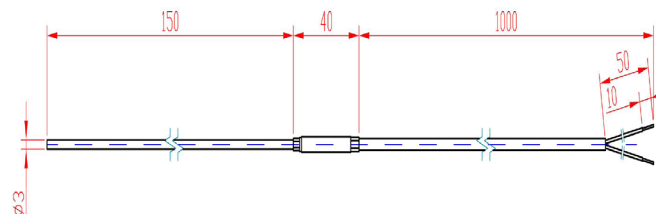
The voltage dependence on temperature is defined in the IEC 60584 standard.

Thermocouples are mainly made in accuracy class 1 according to IEC 60584 and have an insulated hot junction.

Other versions are available on request, e.g. grounded or exposed hot junction.

The 20-TOM series includes the following constructions:

- Sheathed thermocouples with cable
- Sheathed thermocouples with connection head
- Sheathed thermocouples with plug
- Sheathed thermocouples with a socket
- Sheathed thermocouples with free ends



Description

Type	20-40100599-0150AS1X30A
Article number	25079690

Sheathed thermocouple with cable terminated with free ends.

The wires of the cable are marked colors according to IEC 60584.

Technical parameters

Thermocouple	1x NiCr-Ni/ K
Thermocouple hot junction	insulated
Measuring range	-40...+1000°C
Accuracy	class 1 acc. to IEC 60584
Nominal length NL	150 mm
Diameter D	3 mm
Sheath material	Inconel 600
Cable length AL	1000 mm
Cable isolation	silicone / silicone
Cable ends	free ends

Marking

Wire markings acc. to IEC 60584	
white - green +	

Mounting accessories, screw fittings, flanges, mounting connectors, plugs and sockets are included in other catalog cards and on the website.