



Sheathed thermocouple with terminal head

20-TOM Series

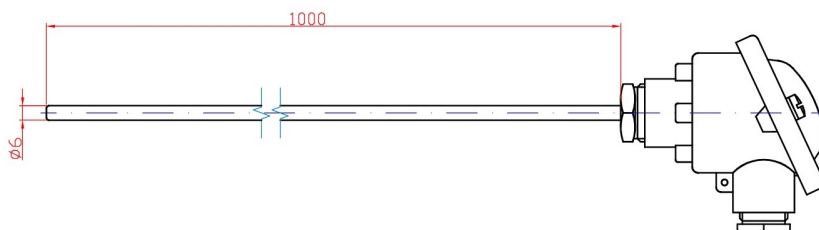
Sheathed thermocouples of the 20-TOM series are characterized by high resistance to vibrations and high flexibility with diameters below 3mm.

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.



Description

Type	20-20100799-1000
Article number	13004309

Sheathed thermocouple with small, aluminum terminal head form B with M20x1.5 cable gland.

20-TOM series includes the following thermocouples:

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

Technical parameters

Thermocouple	1xNi-CrNi/ K
Hot junction	insulated
Measuring range	-40...+1000°C
Accuracy	class 1 acc. IEC 60584
Nominal length	1000 mm
Diameter	6 mm
Sheath material	Inconel 2.4816
Connection head	Form B
Head cable gland	M20x1,5

Marking

Connection socket in the head	
white - green +	

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