

Sheathed thermocouple with mini plug

20-TOM Series

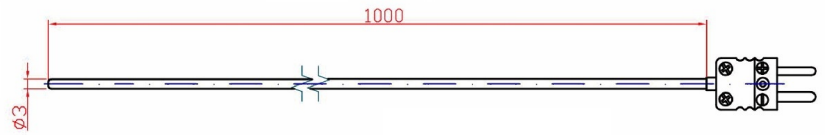
Sheathed thermocouples of the 20-TOM series are characterized by high resistance to vibrations and high flexibility with diameters below 3mm.

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	20-30350599-1000
Article number	12000841

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

Sheathed thermocouple with mini plug type K

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	3 mm
Sheath material	Inconel 2.4816
Plug type	mini type K
Max. operating temp. of plug	200°C

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