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
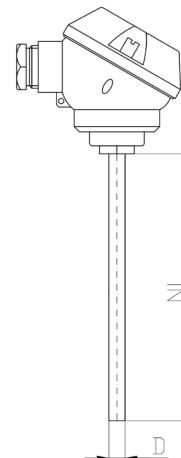according to IEC 60584 and have an insulated hot junction.
Other versions are available on request,
e.g. grounded or exposed hot junction.

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

Description	
Type	20-20400799-0300.TM
Article number	19042410

Sheathed thermocouple with small, aluminum terminal head form DL
with M16x1.5 cable gland.

Technical parameters

Thermoocouple	1xNi-CrNi/ K
Hot junction	insulated
Measuring range	-40...+1000°C
Accuracy	class 1 acc. IEC 60584
Nominal Length NL	300mm
Diameter D	6mm
Sheath material	Inconel 2.4816
Connection head	Form DL
Head cable gland	M16x1,5

Marking

Connection socket in the head white - green +	green white + −

Mounting accessories, screw fittings, flanges, mounting covers,

plugs and sockets are included in other catalog cards and on the

website.

V0119EN

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