

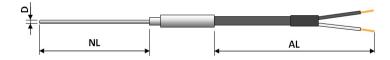
# Sheathed thermocouple with cable

## Seria 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.



# Description

Туре	20-40204299-0250.A.TM
Article number	16019786

Sheathed thermocouple with Icable terminated with free ends. The connection of sheath thermocouple with cable is protected by a metal sleeve with a diameter of 5mm. The wires of the cable are marked colors according to IEC 60584.

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**

Туре	1 x Fe-CuNi / J
Hot junction	insulated
Mesuring range	-50+800°C
Accuracy	class 1 acc. IEC 60584
Nominal length NL	250mm
Diameter D	1mm
Sheath material	Inconel 2.4816
Cable length AL	2000mm
External cable insulation	PFA
Cable ambient temperature	-50+ 260°C
Cable termination	free ends

## Marking

Wires color coding according to IEC EN60584	× I I O
white - black +	white

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

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