

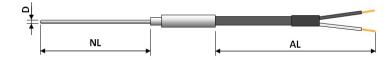
Sheathed thermocouple with cable

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

Description	
Туре	20-40204299-0100.A.TM
Article number	16019781

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	100mm
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	X I I 9
white - black +	white

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

GÜNTHER GmbH

Bauhofstrasse 12 90571 Schwaig Tel.: +49 911 506995 0 www.guenther.eu Germany

Guenther Polska UI. Wrocławska 27C 55-095 Długołęka Tel.: +48 71 352 70 70 www.guenther.com.pl Polska

Langkamp Technology B.V.

Molenvliet 8 3961 MV Wijk bij Duurstede Tel. +31 343 59 54 17 www.ltbv.nl Nederland

Guenther Tehnica Măsurării S.R.L. Calea Aurel Vlaicu 28-32 310159 Arad Tel.: +40 0 257 33 90 15 www.guenther.eu Romania