

Thermocouple probe with moulded on (IP67) compensated connector with M12 male thread.

Vibration-resistant design and high degree of environmental protection (IP67).

Alternative either to probes with standard connectors or to assemblies with connection heads

TCS V12

THERMOCOUPLE WITH COMPENSATED CONNECTOR WITH M12 MALE METAL THREAD

TCS V12



TECHNICAL DATA

calibration:

single or duplex element thermocouple type "K" or "J" according to IEC 584 class 2 (ASTM E 230)

type of construction:

with densely packed magnesium oxide insulation and ungrounded hot junction

sheath material:

Inconel 600 for thermocouples type "K";
AISI 304 s.s. for thermocouples type "J"

temperature limit:

1.150 °C for thermocouples type "K"; 600 °C for thermocouples type "J"

minimum bending radius:

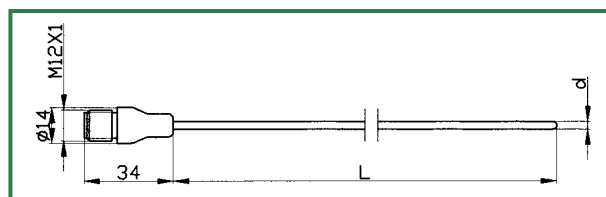
Three-times the outer diameter d

connection:

compensated male connector with body in moulded Nylon and M12X1 metal thread (to DIN-VDE 0627), degree of protection IP67 (T° MAX 90 °C)

insulation resistance:

100 M Ω with 100 Vd.c.



CODE TO ORDER FROM STOCK:

TCSV12			2			I	X
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CALIBRATION AND COLOUR-CODING

K-IEC	K
J-IEC	J

PROBE

single	S
duplex	D

SHEATH DIAMETER d (mm)

Ø3	-3--
Ø4,5	-45-
Ø6	-6--

LENGHT L (mm)

250	0250
500	0500
1000	1000
1500	1500

NOTE Any other execution upon request. We reserve the right for technical modifications without prior notice.

Orderel 08-771 00 04 Vävel 08-771 02 20
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Lärna, S-142 50 SKOGÅS (Stockholm)

HEMOMATIK
www.hemomatik.se

GRUPPO ITALCOPPIE
italcoppie
SENSORI
ISO 9001:2000

TCS V12 CONNECTORS AND EXTENSION CABLES

TECHNICAL DATA FOR CONNECTORS

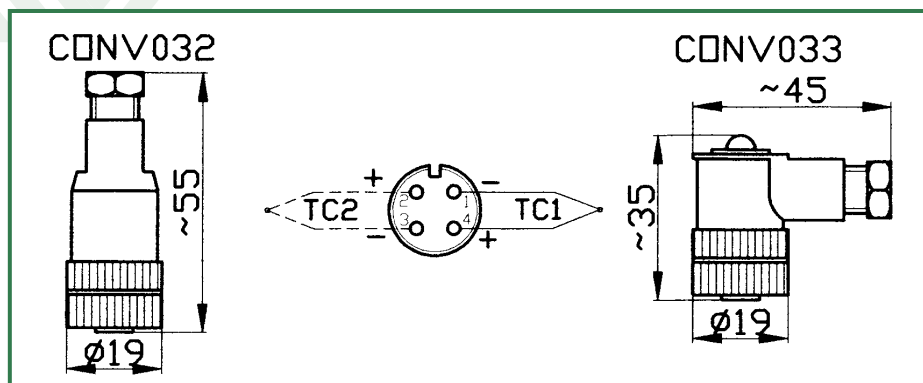
types:

with straight outlet (CONV032)
or with elbow outlet (CONV033)

connection:

female connector, plug in and screw on type, with nylon body and 4 terminal pots with screws, M12X1 metal thread (to DIN-VDE 0627) and cable gland with degree of protection IP 67 (T° Max 90 °C)

Connectors for easy use of several kind of cables (with different lengths and type of insulation) by means of terminal pots with screws, granting a high degree of protection (IP 67)



CODE TO ORDER FROM STOCK:

straight outlet	CONV032
elbow outlet	CONV033

TECHNICAL DATA FOR CONNECTORS

calibration:

type "K" o "J" according to IEC 584 with relevant colour-coding

types:

with straight outlet (CONV032)
or with elbow outlet (CONV033)

compensated cable data:

Stranded wires 2x0,20 mm² (24 AWG) with single conductor and overall silicon rubber insulation

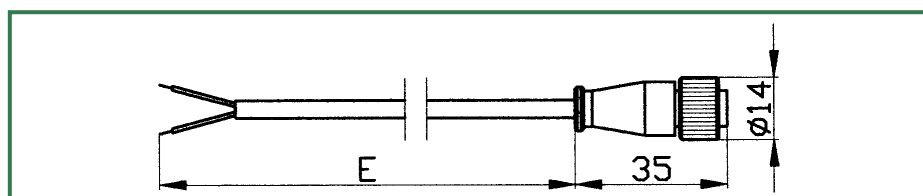
connection:

female connector, plug in and screw on type, with nylon body and 4 terminal pots with screws, M12X1 thread (to DIN-VDE 0627) and cable gland with degree of protection IP 67 (T° Max 90 °C)

temperature limit:

90 °C for the connector; 180 °C for the extension cable

Extension cable with moulded on (IP 67) connector with M12 female screw lock. For exclusive use with SINGLE ELEMENT THERMOCOUPLES TCS V12



CODE TO ORDER FROM STOCK:

PCV			C	X	X	X
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CABLE LENGHT E=mm

1500	1500
3000	3000
5000	5000

CALIBRATION AND COLOUR-CODING

Type K-IEC	BH	+
Type J-IEC	AV	+

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