



TFN 5x0-EX Type K Thermometer

High precision thermo element thermometers for EX areas

ebro's reliable, highly precise EX-thermometers are ideally suited for temperature measurement in explosive areas, such as production or storage facilities, as well as laboratories.

- Changeable probes with Lemosa size 0 plugs
- Robust design for industrial use
- Available with one or two measurement channels
- Approximately 5 years battery life time



II 2G Ex ia IIC T4 Gb
II 2G Ex ia IIIB T135°C Db

Technical Data

Measurement range	-20 °C ... +80 °C
Accuracy at +25 °C	±0.3 °C
Resolution	0.1 °C
Operating temperature	-5 °C ... +60 °C
Storage temperature	-25 °C ... +60 °C
Measurement interval	0.5 Sek. bis 15 Sek.
Sensor	External; thermo element type K
Sensor connection	LEMO size 0
Channels	1
Battery	Lithium, 3 V CR 2477
Battery life time	5 years
Dimensions (l x w x h)	115 x 54 x 22 mm
Weight	Approximately 90 g
Housing material	ABS, metalized
Protection class	IP 52



Type	Description	Part No.
TFN 520-EX	1-channel EX thermometer	1340-5521- EX
TFN 530-EX	2-channel EX thermometer	1340-5531- EX

-ebro-
a xylem brand



TFN 5x0-EX accessories

Probes

Thermo element Type K temperature probes specifically for the application within EX areas. Available are rod probes with diameters from 0.5 mm to 3 mm and lengths from 185 mm to 1000 mm, as well as thermal wire probes.

Accessories for the application only outside of EX areas

Practical cases for transport and safe-keeping, battery change set, protective cover, wall mounts, and many more.



The complete list and many more details to the accessories can be found in the current catalogue.