

TFN 520 Type K, J, T, E Thermometer 1-channel high accuracy thermocouple thermometer



- With Lemo connection
- Robust design for years of industrial use
- Approximately 5 year battery life time

Without probe. Please find probe variants starting on page 72.

Technical Data

Sensor connection	LEMO size 0
Channels	1 external
Protection class	IP52

The accuracy of the used probe adds to the accuracy of the device. E.g. probes with class 1 of DIN EN 60584 have $\pm 0,5$ °C between -40 °C ... +125 °C.

Type	Description	Part No.
TFN 520	1-channel thermometer with Lemo connection	1340-5520A

TFN 520-SMP Type K, J, T, E Thermometer 1-channel high accuracy thermocouple thermometer



- With SMP connection
- Robust design for years of industrial use
- Approximately 5 year battery life time

Without probe. Please find probe variants starting on page 72.

Technical Data

Sensor connection	SMP
Channels	1 external
Protection class	IP40

The accuracy of the used probe adds to the accuracy of the device. E.g. probes with class 1 of DIN EN 60584 have $\pm 0,5$ °C between -40 °C ... +125 °C.

Type	Description	Part No.
TFN 520-SMP	1-channel thermometer with SMP connection	1340-5522A

TFN 530 Type K, J, T, E Thermometer 2-channel high accuracy thermocouple thermometer



- With Lemo connections
- Robust design for years of industrial use
- Approximately 5 year battery life time

Without probe. Please find probe variants starting on page 72.

Technical Data

Sensor connection	LEMO size 0
Channels	2 external
Protection class	IP52

The accuracy of the used probe adds to the accuracy of the device. E.g. probes with class 1 of DIN EN 60584 have $\pm 0,5$ °C between -40 °C ... +125 °C.

Type	Description	Part No.
TFN 530	2-channel thermometer with Lemo connection	1340-5530A

TFN 530-SMP Type K, J, T, E Thermometer 2-channel high accuracy thermocouple thermometer



- With SMP connections
- Robust design for years of industrial use
- Approximately 5 year battery life time

Without probe. Please find probe variants starting on page 72.

Technical Data

Sensor connection	SMP
Channels	2 external
Protection class	IP40

The accuracy of the used probe adds to the accuracy of the device. E.g. probes with class 1 of DIN EN 60584 have $\pm 0,5\text{ }^{\circ}\text{C}$ between $-40\text{ }^{\circ}\text{C}$... $+125\text{ }^{\circ}\text{C}$.

Type	Description	Part No.
TFN 530-SMP	2-channel thermometer with SMP connection	1340-5532A

Accessories for TFN devices



AG 120 Synthetic leather case



AG 170 Battery exchange set



AN 141 Adapter cable, 1 m silicone (SMP/Lemo size 0)



AG 140 Protective cover for handheld devices, red



AG 130 Small case



AN 150 Large case (without device and accessories)



AG 160 Stainless steel bracket



AG 161 Stainless steel bracket for TFN devices

The stainless steel brackets can only be used with TFN 520 or TFN 520-SMP

Type	Description	Part No.
AG 120	Synthetic leather case	1341-0619
AG 130	Small case	1341-3854
AG 140	Protective cover for handheld devices, red	1340-5005
AG 160	Stainless steel bracket	1340-0595
AG 161	Stainless steel bracket for TFN devices in protective cover AG 140	1340-0596
AG 170	Battery-change set (incl. 3V lithium CR 2477 battery, needle, screws, tamping, O-ring, manual)	1100-0106
AN 140	Extension cable, 1 m silicone, Lemo size 0	1341-2626
AN 141	Adapter cable, 1 m silicone SMP/Lemo size 0	1341-2629
AN 142	Extension cable, 1 m silicone, SMP	1343-2626
AN 143	Extension cable, 2.5 m silicone, Lemo size 0	1341-2627
AN 144	Extension cable, 2.5 m silicone, SMP	1343-2627
AN 150	Large case for TFN devices and several large sensors	1341-3857