



NICO TEMPERATURE MEASUREMENT

RTD • THERMOCOUPLE • TRANSMITTER • THERMOWEL

TTM30- H/F/R



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• 2025 •
• Edition 1 •



The Integrated Temperature Platform

NICO builds one connected temperature platform — from the process tap to the control system. Sensors, transmitters and thermowells are independent products that combine through a single coding architecture into any complete measurement point.



THREE FAMILIES, ONE PLATFORM

PRODUCT FAMILY	MODELS	ROLE IN THE MEASUREMENT POINT
Transmitters	TTM30-H · TTM30-F · TTM30-R	Digitise and linearise the sensor signal to 4-20 mA / HART for the control system
Sensors	RTS10 (RTD family) · TTC10 (thermocouple family)	Convert process temperature into a precise resistance or millivolt signal
Thermowells	TR10 · TR11 · TR12 · TR20 · TR21 (TR22 reserved — on request)	Isolate and protect the sensor from process pressure, flow and corrosion

One family, one workflow. Sensors, transmitters and thermowells are specified individually or together and ship from a single source — mechanically and electrically matched. The customer buys exactly the configuration the point needs, expressed through one fixed coding architecture.



Supported Configurations

The platform covers every real purchasing scenario — from a bare sensor to a complete protected, transmitted assembly. Each configuration is one combination of the same independent products, expressed through the unified order code.

01 Sensor only

Sensor • No housing • No well • No Tx

Bare insert or replaceable element. OEM and replacement use.

02 Sensor + connection head

Sensor • Head HA/HS • No Tx

Head-mounted insert with a local terminal block; no transmitter.

03 Sensor + head + TTM30-H

Sensor • Head HA/HS • TTM30-H

Head assembly with the TTM30-H module fitted — 4–20 mA / HART from the connection head.

04 Sensor + field housing

Sensor • Field FA/FS • No Tx

Sealed field-housing point; ready for a field transmitter.

05 Sensor + field + TTM30-F

Sensor • Field FA/FS • TTM30-F

Field assembly with the TTM30-F transmitter fitted.

06 Sensor + thermowell

Sensor • Well TR.. • No Tx

Sensor protected in a TR thermowell; no transmitter.

07 Sensor + well + transmitter

Sensor • Well TR.. • TTM30-H/F

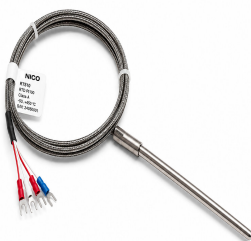
Protected point, transmitted at the sensor (head or field).

08 Remote sensor + TTM30-R

Sensor • Cable • TTM30-R

Panel solution — sensor home-run on cable to a rail-mounted transmitter.

Any combination, one code. Sensors, housings, thermowells and transmitters are independent — so a point can be ordered as a sensor only today and upgraded to a protected, transmitted assembly later, without changing the sensor or the coding system. The transmitter is always selected by the order code, never permanently tied to one sensor.



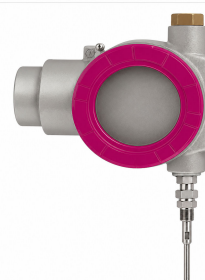
01 Sensor only
RTS10 or TTC10



02 Sensor + connection head



03 Sensor + head + TTM30-H



04 Sensor + field housing



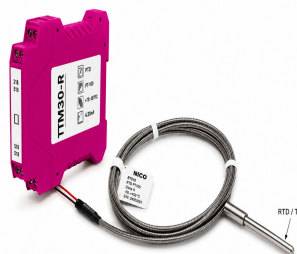
05 Sensor + field + TTM30-F



06 Sensor + thermowell



07 Sensor + well + transmitter TTM30-H



08 Remote sensor + TTM30-R
Sensor • Cable • TTM30-R

TTM30 Transmitter Family

The TTM30 series is the heart of the NICO platform — a 2-wire, loop-powered 4–20 mA / HART transmitter in three mounting styles that share one universal measuring engine, one HART workflow and one accuracy class. Choose by where the transmitter lives, not by performance.

TTM30-H

HEAD-MOUNTED

Compact 2-wire module that installs inside a standard DIN B connection head — intelligent measurement at the sensor with the smallest footprint.

ATEX Ex ia IIC T4 • standard

TTM30-F

FIELD-MOUNTED

Loop-powered transmitter in a rugged die-cast field enclosure with an optional local display — universal input for outdoor and process-mounted points.

ATEX Ex ia IIC T4 • standard

TTM30-R

DIN RAIL-MOUNTED

Slim DIN-rail transmitter for control panels and marshalling cabinets — remote sensor wiring with side-by-side mounting.

ATEX Ex ia IIC T4 • standard

ONE ENGINE, THREE ENCLOSURES

Every TTM30 accepts universal RTD / TC / mV / Ω input, outputs 4–20 mA with HART and is single- or double-channel — so the model is a mechanical and mounting choice, not a measurement compromise.

ATEX IS STANDARD, NOT AN OPTION

All three models are **ATEX Ex ia IIC T4** as standard across the transmitter family. There is no Non-Ex version and no separate safe-area variant.

Independent of the sensor. A TTM30 drives any NICO RTS10 RTD or TTC10 thermocouple and pairs with any TR thermowell. It is ordered standalone, or added to a sensor assembly through the order-code transmitter selection — the model name itself is the code (no separate assembly code).

TTM30 Model Comparison

A full feature matrix across the three TTM30 mounting styles. All share the same universal input, HART output and accuracy class; they differ only in enclosure and mounting. ATEX Ex ia IIC T4 is standard for every model.

FEATURE	TTM30-H	TTM30-F	TTM30-R
Mounting	Head-mounted / DIN B connection head	Field-mounted	DIN rail-mounted
Housing / Connection Head Material	Connection head: Cast Aluminium or Stainless Steel (transmitter module installed inside the head)	Field housing: Cast Aluminium or Stainless Steel (SS if available)	DIN rail housing / panel-mounted rail housing
Output	4-20 mA + HART	4-20 mA + HART	4-20 mA + HART
Input Types	RTD / TC / mV / Ω	RTD / TC / mV / Ω	RTD / TC / mV / Ω
Channel	Single Channel / Double Channel	Single Channel / Double Channel	Single Channel / Double Channel
Display	Optional in assembly, where the selected head supports it	Local display / optional local display, per configuration	No local field display / panel configuration
ATEX	ATEX Ex ia IIC T4	ATEX Ex ia IIC T4	ATEX Ex ia IIC T4
Typical Use	Head assembly / compact sensor-head installation	Outdoor, field and process-mounted assembly	Panel, marshalling cabinet and remote sensor wiring

Quick pick. Sensor-head integration → **TTM30-H** · outdoor / process field point → **TTM30-F** · panel & marshalling / remote sensor → **TTM30-R**. Every model is loop-powered, HART-capable, field-configurable and ATEX Ex ia IIC T4 as standard.

TTM30-H Head-Mount Temperature Transmitter

A compact 2-wire 4–20 mA / HART module that installs inside a standard DIN B connection head — intelligent measurement at the sensor with the smallest footprint.

KEY FEATURES

- ✓ Universal RTD / TC / mV / Ω input
- ✓ 4–20 mA + HART digital output
- ✓ Single Channel or Double Channel
- ✓ Installs inside a DIN B connection head
- ✓ Screw-terminal connections
- ✓ **ATEX Ex ia IIC T4 — standard**

CONNECTION HEAD MATERIAL

The TTM30-H is a head-mounted transmitter **module**; the material selection (HA / HS) refers to the connection head that carries it.

HA • Cast Aluminium head

HS • Stainless Steel head

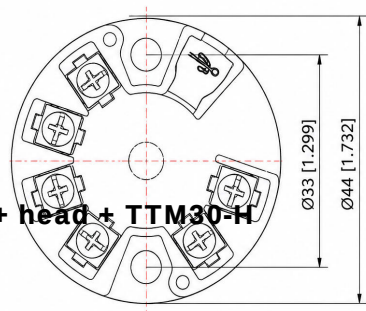
TECHNICAL SPECIFICATION

Mounting	Head — DIN B (module)
Output	4–20 mA / HART
Housing material	Inside HA / HS connection head
Channel	Single / Double
Hazardous area	ATEX Ex ia IIC T4 (standard)
Display	Optional, where head supports it
Input	RTD / TC / mV / Ω
Dimensions	Reserved for official NICO GA drawing

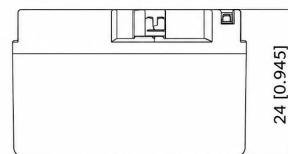
In the order code: set **[M]=H** . Compatible with RTS10 RTD and TTC10 thermocouple inserts in a suitable connection head.



03 | Sensor + head + TTM30-H



Dimensions in mm



TTM30-F Field-Mount Temperature Transmitter

A loop-powered 2-wire 4–20 mA / HART transmitter in a rugged die-cast field enclosure with an optional backlit local display — universal input for outdoor and process points.

KEY FEATURES

- ✓ Universal RTD / TC / mV / Ω input
- ✓ 4–20 mA + HART digital output
- ✓ Single Channel or Double Channel
- ✓ Die-cast field housing, direct thermowell-head mount
- ✓ Optional backlit local display
- ✓ **ATEX Ex ia IIC T4 — standard**

FIELD HOUSING MATERIAL

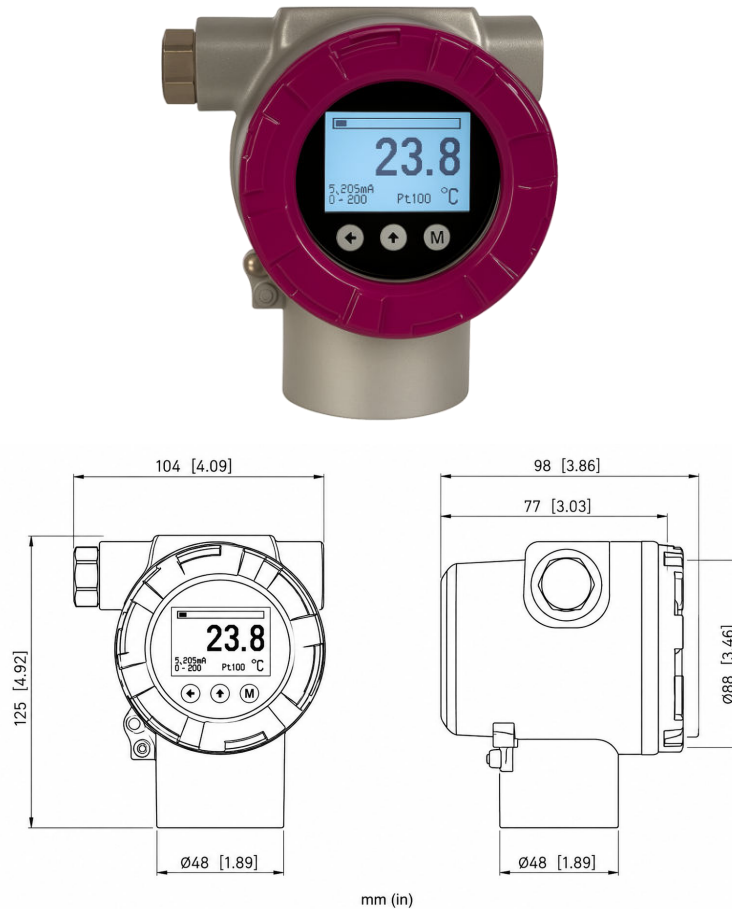
FA • Cast Aluminium field housing

FS • Stainless Steel field housing (if available)

TECHNICAL SPECIFICATION

Mounting	Field — housing / well head
Output	4–20 mA / HART
Housing material	Cast Aluminium (FA) / Stainless Steel (FS)
Channel	Single / Double
Hazardous area	ATEX Ex ia IIC T4 (standard)
Display	Local display (LD) optional
Input	RTD / TC / mV / Ω
Dimensions	Reserved for official NICO GA drawing

In the order code: set **[M]=F** . Optional local display selected by **[DISP]=LD** ; housing by **[HOUS]=FA/FS** .



TTM30-R DIN Rail-Mount Temperature Transmitter

A slim DIN-rail 2-wire 4–20 mA / HART transmitter for control panels and marshalling cabinets — universal input, wide supply range and side-by-side mounting.

KEY FEATURES

- ✓ Universal RTD / TC / mV / Ω input
- ✓ 4–20 mA + HART digital output
- ✓ Single Channel or Double Channel
- ✓ 35 mm DIN rail (EN 60715), side-by-side
- ✓ Remote / long cable-run sensor wiring
- ✓ **ATEX Ex ia IIC T4 — standard**

RAIL HOUSING

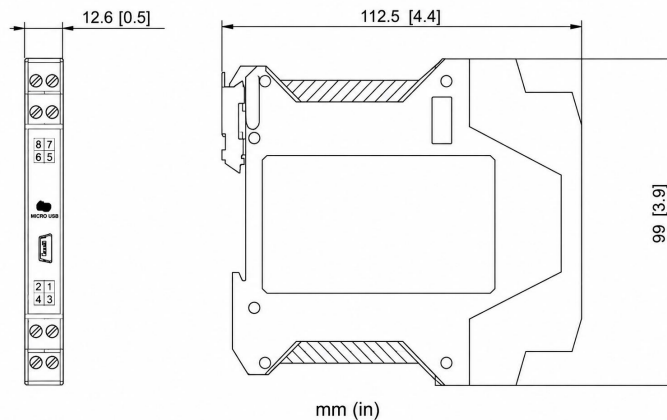
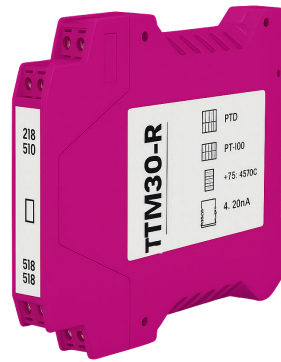
RL · DIN rail housing

Panel configuration — normally supplied without a local field display ([DISP]=ND).

TECHNICAL SPECIFICATION

Mounting	35 mm DIN rail
Output	4–20 mA / HART
Housing	DIN rail housing (RL)
Channel	Single / Double
Hazardous area	ATEX Ex ia IIC T4 (standard)
Display	No local field display
Input	RTD / TC / mV / Ω
Dimensions	Reserved for official NICO GA drawing

In the order code: set [M]=R , [HOUS]=RL . Typically paired with a remote sensor on cable (Configuration 8).



RTS10 RTD Sensor Family

The RTS10 RTD sensor family — a mineral-insulated or insert-type Pt100 / Pt500 / Pt1000 element to IEC 60751. From a bare insert to a complete protected, transmitted point, every RTD build is one RTS10 family configured through the order code.

ASSEMBLY OPTIONS (SELECTED BY ORDER CODE)

- ✓ Sensor only — bare / replaceable insert
- ✓ Sensor + connection head (HA / HS)
- ✓ Sensor + head + TTM30-H transmitter
- ✓ Sensor + field housing (FA / FS)
- ✓ Sensor + field + TTM30-F transmitter
- ✓ Sensor + thermowell (TR10-TR21)
- ✓ Remote sensor on cable + TTM30-R

These are **configurations of RTS10**, not separate model numbers — head- and field-mounted RTD builds are expressed through the housing, well and transmitter fields.

SPECIFICATION

Element	Pt100 / Pt500 / Pt1000
Standard	IEC 60751 (TCR 0.003851)
Tolerance class	Class B (default) / A / AA
Circuit	2- / 3- / 4-wire
Insulation	Compacted MgO
Sheath	316L / 310 / Inconel 600 / 800
Range	−196 ... 600 °C (Pt100)
Termination	Flying leads / head / housing

Sensor codes: **P1** Pt100 · **P5** Pt500 · **P0** Pt1000, **Wiring:** **2W** / **3W** / **4W**, Tolerance default **RB** (Class B).



RTD Technology

NICO RTDs use platinum elements to IEC 60751 — the most accurate and stable way to measure temperature up to about 600 °C.

PLATINUM ELEMENTS

Pt100	100 Ω at 0 °C · general process
Pt500	500 Ω at 0 °C · higher signal
Pt1000	1000 Ω at 0 °C · best S/N, 2-wire
Standard temperature coefficient TCR = 0.003851 /°C (IEC 60751).	

WIRING CONFIGURATIONS

2-wire	Lead resistance adds to reading — short runs / Pt1000
3-wire	Industrial standard — compensates matched leads
4-wire	True Kelvin — eliminates lead resistance

TOLERANCE CLASSES — CODING

CODE	RTD TOLERANCE CLASS	DESCRIPTION
RB	Class B	Default — general process accuracy
RA	Class A	Higher accuracy
RQ	Class AA / ½ DIN	High accuracy — On Request

TOLERANCE CLASSES — PT100, IEC 60751

CLASS	TOLERANCE (T IN °C)	AT 0 °C	AT 100 °C
Class AA	$\pm(0.10 + 0.0017 \cdot t)$	± 0.10 °C	± 0.27 °C
Class A	$\pm(0.15 + 0.0020 \cdot t)$	± 0.15 °C	± 0.35 °C
Class B	$\pm(0.30 + 0.0050 \cdot t)$	± 0.30 °C	± 0.80 °C

Tolerance widens with temperature — specify the class that holds at the working temperature, not just at 0 °C. **Class B is the default.**

TTC10 Thermocouple Sensor Family

The TTC10 thermocouple sensor family — a mineral-insulated or insert-type thermocouple in eight calibrations (K, J, T, N, E, R, S, B) to IEC 60584-1, with grounded, ungrounded or exposed junction for high-temperature, fast-response measurement.

ASSEMBLY OPTIONS (SELECTED BY ORDER CODE)

- ✓ Sensor only — bare / replaceable insert
- ✓ Sensor + connection head (HA / HS)
- ✓ Sensor + head + TTM30-H transmitter
- ✓ Sensor + field housing (FA / FS)
- ✓ Sensor + field + TTM30-F transmitter
- ✓ Sensor + thermowell (TR10-TR21)
- ✓ Remote sensor on cable + TTM30-R

As with RTS10, head- and field-mounted thermocouple builds are **configurations of TTC10**, not separate model numbers.

SPECIFICATION

Type	K / J / T / N / E / R / S / B
Standard	IEC 60584-1
Tolerance	Class 2 (default) / Class 1
Junction	Grounded / ungrounded / exposed
Insulation	Compacted MgO
Sheath	316L / 310 / Inconel 600 / 800
Range	Type-dependent, up to 1700 °C
Termination	Flying leads / head / housing

Sensor codes: TK TJ TT TN TE TR TS TB · XX other / special sensor (On Request). **Junction:** GJ / UJ / EJ . Tolerance default T2 (Class 2).



Thermocouple Technology

NICO thermocouples cover eight calibrations to IEC 60584-1 — from cryogenic type T to type B at 1700 °C — with a self-generated millivolt signal and very fast response.

CALIBRATIONS (IEC 60584-1)

TYPE	CONDUCTORS (+/–)	WORKING RANGE	CHARACTER
K	NiCr / NiAl	–200 ... 1260 °C	General purpose, widest use
J	Fe / CuNi	–40 ... 750 °C	Low cost, older plants
T	Cu / CuNi	–200 ... 350 °C	Cryogenic, high accuracy low end
N	NiCrSi / NiSi	–200 ... 1300 °C	Stable, K replacement
E	NiCr / CuNi	–200 ... 900 °C	Highest output / sensitivity
R	Pt13Rh / Pt	0 ... 1600 °C	High temperature, noble metal
S	Pt10Rh / Pt	0 ... 1600 °C	High temp, reference standard
B	Pt30Rh / Pt6Rh	600 ... 1700 °C	Highest temperature

TOLERANCE CLASSES — CODING

CODE	TC TOLERANCE CLASS	DESCRIPTION
T2	Class 2	Default — general process accuracy
T1	Class 1	Higher accuracy
TS	Special / Calibrated	On Request

THERMOCOUPLE TOLERANCE CLASSES — IEC 60584-1

TYPE	CLASS 1	CLASS 2 (DEFAULT)
K	$\pm 1.5\text{ °C }(-40\dots375)\text{ or } \pm 0.004\cdot t (375\dots1000)$	$\pm 2.5\text{ °C }(-40\dots333)\text{ or } \pm 0.0075\cdot t (333\dots1200)$
J	$\pm 1.5\text{ °C }(-40\dots375)\text{ or } \pm 0.004\cdot t (375\dots750)$	$\pm 2.5\text{ °C }(-40\dots333)\text{ or } \pm 0.0075\cdot t (333\dots750)$
N	$\pm 1.5\text{ °C }(-40\dots375)\text{ or } \pm 0.004\cdot t (375\dots1000)$	$\pm 2.5\text{ °C }(-40\dots333)\text{ or } \pm 0.0075\cdot t (333\dots1200)$
E	$\pm 1.5\text{ °C }(-40\dots375)\text{ or } \pm 0.004\cdot t (375\dots800)$	$\pm 2.5\text{ °C }(-40\dots333)\text{ or } \pm 0.0075\cdot t (333\dots900)$
T	$\pm 0.5\text{ °C }(-40\dots125)\text{ or } \pm 0.004\cdot t (125\dots350)$	$\pm 1.0\text{ °C }(-40\dots133)\text{ or } \pm 0.0075\cdot t (133\dots350)$
R	$\pm 1.0\text{ °C } (0\dots1100)\text{ or } \pm [1+0.003\cdot(t-1100)] (1100\dots1600)$	$\pm 1.5\text{ °C } (0\dots600)\text{ or } \pm 0.0025\cdot t (600\dots1600)$
S	$\pm 1.0\text{ °C } (0\dots1100)\text{ or } \pm [1+0.003\cdot(t-1100)] (1100\dots1600)$	$\pm 1.5\text{ °C } (0\dots600)\text{ or } \pm 0.0025\cdot t (600\dots1600)$
B	Not defined (Type B has no Class 1)	$\pm 0.0025\cdot t (600\dots1700)$

Tolerance = the greater of the fixed value or the percentage-of-|t| value within the stated range. **Class 2 is the default for all thermocouples.** Type B has no Class 1. Values are stated per IEC 60584-1:2013 and are to be verified against the controlled standard before final catalog release.

Housing / Head Material Options

Standardised housing codes cover every mounting style across the platform — from no enclosure to a sealed field housing — and apply identically to the RTS10 and TTC10 families. For TTM30-H the material refers to the **connection head** that carries the head-mounted module.

NH

No housing — flying leads

Direct flying-lead termination, no enclosure — OEM skids, multipoint and panel-marshalled points.

FLYING LEADS • OEM

HA

Aluminium connection head

Cast aluminium head with a DIN Form B insert seat — the standard serviceable head for general process duty.

ALUMINIUM • IP66 • DIN FORM B

HS

Stainless Steel connection head

SS316 head for corrosive, washdown and hygienic environments where aluminium is unsuitable.

SS316 • IP66 • WASHDOWN

FA

Aluminium field housing

Weatherproof cast aluminium field housing, sized to carry an optional TTM30-F transmitter.

ALUMINIUM • IP67 • ATEX

FS

Stainless Steel field housing

SS316 field housing for outdoor corrosive and offshore duty, able to carry a TTM30-F, *If available*.

SS316 • IP67 • ATEX

RL

DIN rail housing

Rail housing for the TTM30-R in control panels and marshalling cabinets.

RAIL • PANEL • EN 60715

All connection heads (HA / HS) accept a spring-loaded DIN Form B insert and an in-head TTM30-H module; all field housings (FA / FS) can carry a TTM30-F. Cable entries M20 × 1.5 / ½" NPT to order.



LCD FOR TTM30-H

TR Thermowell Family

Thermowells are a first-class family in the platform. Every RTS10 / TTC10 sensor seats in a matching NICO TR thermowell — isolating the sensor from process pressure, flow and corrosion, and letting the insert be replaced without breaking the process. They are specified through the [WELL] field, or omitted with TW00.

MODEL	WELL CODE	CONSTRUCTION	TYPICAL APPLICATION	STATUS
TR10	TW10	Threaded bar-stock	Screw-in process points, utilities	Active
TR11	TW11	Weld-in bar-stock	Permanent, high-integrity connections	Active
TR12	TW12	Flanged bar-stock	Flanged nozzles, higher pressure / rating	Active
TR20	TW20	Van Stone / lap-joint	Corrosive media, exotic wetted material	Active
TR21	TW21	Fabricated flanged	Large bores, low-pressure vessels and ducts	Active
TR22	TW22	Sanitary / special	Hygienic and special-process connections	Reserved - On Request

TR22 — pending confirmation. TR22 (sanitary / special) is not yet confirmed in NICO's published product range. It is listed here as **Reserved / On Request** only and is excluded from active assembly examples until confirmed. No dimensions are claimed.

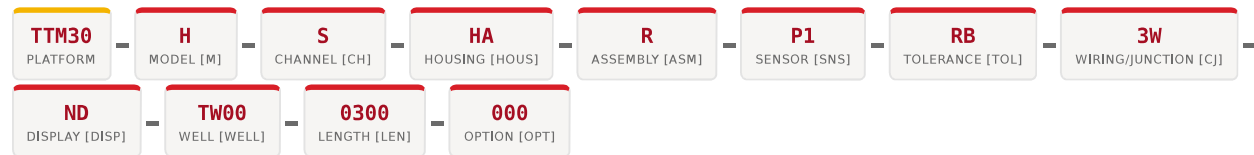
Sensor + thermowell = a protected point. Specify the sensor sheath diameter and insertion length to suit the chosen TR bore and U-length, so the spring-loaded insert sits firmly on the well bottom for fast, repeatable response. Refer to the NICO TR thermowell datasheet for bore, stem profile, immersion length and pressure / temperature rating.

Ordering System

Every transmitter and assembly is built from one fixed-position master code. Each field is a defined length and every product uses the same fields — so part numbers are consistent, ERP-ready and stable as the platform grows. The model name is the code; there is no separate assembly code.

MASTER ORDER CODE

TTM30 - [M] - [CH] - [HOUS] - [ASM] - [SNS] - [TOL] - [CJ] - [DISP] - [WELL] - [LEN] - [OPT]



CONDITIONAL FIELDS

[TOL] and [CJ] follow the sensor in [SNS]: RTD → RB/RA/RQ + 2W/3W/4W; TC → T2/T1/TS + GJ/UJ/EJ.

HOUSING ↔ MODEL

[HOUS] matches [M]: H → HA/HS (or NH); F → FA/FS; R → RL. [DISP]=LD only where physically applicable.

Standalone or assembled. A TTM30 is ordered on its own code, or the same code expresses a complete sensor assembly via the [ASM], [SNS], [WELL] and housing fields. The sensor is never permanently tied to the transmitter.

Ordering Code Tables

Every field of the master code, fully defined. All codes are fixed-position and apply identically to the RTS10 and TTC10 families. The transmitter model is selected in [M]; there is no separate assembly code.

[M] MODEL H TTM30-H head F TTM30-F field R TTM30-R rail	[CH] CHANNEL S Single Channel D Double Channel	[HOUS] HOUSING HA Cast Alu connection head HS SS316 connection head FA Cast Alu field housing FS SS316 field housing RL DIN rail housing NH No housing
[ASM] ASSEMBLY N Transmitter only R With RTD sensor T With TC sensor W With sensor + thermowell	[SNS] SENSOR P1 Pt100 P5 Pt500 P0 Pt1000 TK / TJ / TT Type K / J / T TN / TE Type N / E TR / TS / TB Type R / S / B XX Other / special — On Request	[TOL] TOLERANCE RB RTD Class B (default) RA RTD Class A RQ RTD Class AA / ½ DIN T2 TC Class 2 (default) T1 TC Class 1 TS TC special / calibrated
[CJ] WIRING / JUNCTION 2W / 3W / 4W RTD 2- / 3- / 4-wire GJ TC grounded UJ TC ungrounded EJ TC exposed	[DISP] DISPLAY ND No display LD Local display	[WELL] THERMOWELL TW00 Without well TR10 Threaded TR11 Weld-in TR12 Flanged TR20 Van Stone TR21 Fabricated TR22 Reserved · On request
[LEN] LENGTH (mm) 0150 / 0300 150 / 300 0500 / 0750 500 / 750 1000 / 1500 1000 / 1500 2000 / 3000 2000 / 3000 XXXX Custom	[OPT] OPTION 000 None / standard CAL Calibration certificate MAT Material certificate CUS Custom engineering	

Order Code Examples

Three worked examples on the approved coding structure. Each part number reads left-to-right through the fixed fields of the master code.

TTM30-H-S-HA-R-P1-RB-3W-ND-TW00-0300-000

Head-mounted RTD point

TTM30-H head-mounted transmitter · single channel · cast aluminium connection head · RTD Pt100 · Class B (default) · 3-wire · no display · no thermowell · 300 mm · no special option.

TTM30-F-D-FA-T-TK-T2-UJ-LD-TR20-0500-CAL

Field-mounted thermocouple point

TTM30-F field-mounted transmitter · double channel · cast aluminium field housing · Type K thermocouple · Class 2 (default) · ungrounded junction · local display · TR20 thermowell · 500 mm · with calibration certificate.

TTM30-R-S-RL-R-P1-RA-4W-ND-TW00-1000-000

Remote RTD on a panel rail

TTM30-R rail-mounted transmitter · single channel · DIN rail housing · remote RTD Pt100 · Class A · 4-wire · no local display · no thermowell · 1000 mm.

Reading the code. The model in [M] is the only transmitter identifier — no TR30/TR40/TR50. Sensor builds that were previously separate "models" (head / field RTD and TC assemblies) are now expressed through the housing, assembly, well and transmitter fields of this one code.

Temperature Measurement Platform

Sensors, transmitters and thermowells as one integrated platform — from a bare sensor to a complete process assembly — one scalable, ERP- and CRM-ready coding architecture.

RTS10

RTD Sensor Family

MI Insert · Head Mounted · Field Mounted

TTC10

Thermocouple Sensor Family

MI Insert · Head Mounted · Field Mounted

TTM30-H

Head-Mount Temperature Transmitter

DIN Form B Head Installation

TTM30-F

Field-Mount Temperature Transmitter

Weatherproof Aluminium / SS Housing

TTM30-R

DIN Rail Temperature Transmitter

Control Cabinet Installation

TR10–TR12

Threaded & Welded Thermowells

Bar Stock Construction

TR20–TR21

Flanged & Special Thermowells

Industrial Designs





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