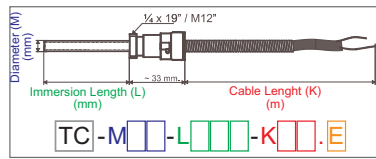


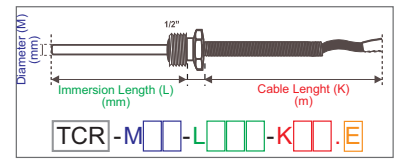
Thermocouples

(TC) Bayonet Type



TC-M-L-K.E

(TCR) Bayonet Type with fittingnut

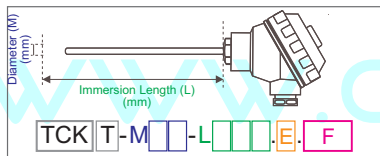


TCR-M-L-K.E

- Max. operating temperature : 400°C for braided wire  
200°C for silicone
- Standard cable types : Fiber glass + fiber glass + braided wire, 3x0,22 mm<sup>2</sup>  
Silicone + Silicone, 3x0,22 mm<sup>2</sup>  
(“Si+Si” is added to order code)
- Standard cable length (K) : K01 = 1 m, K02 = 2 m, K03 = 3 m,  
K04 = 4 m, K05 = 5 m.
- Sensor type : DIN/IEC-584 “J” FeCu-Ni E=J,  
DIN/IEC-584 “K” NiCr-Ni E=K
- Protection tube material : Nickel coated brass or AISI304 (DIN1.4301)
- Connector (TC) : 1/4 x 19” (selectable as M12” on ordering)
- Fittingnut (TCR) : 1/2” fittingnut is used for standard production

TCK (Terminal Block Type)

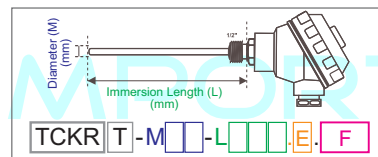
TCKR (Terminal Block with Fittingnut Type)



TCK T-M-L-E.F

TCKT (Terminal Block with Transmitter Type)

TCKRT (Terminal Block with Fittingnut and Transmitter Type)

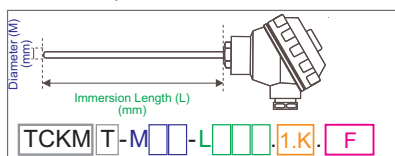


TCKR T-M-L-E.F

- Max. operating temperature : “K” type 1200°C (M22), 900°C (M16), 800°C (M10)  
“K and J type” 600°C (M06, M08)
- Protection tube material : AISI304 (DIN1.4301)  
“316” is added to order code for AISI316
- Sensor type : DIN/IEC-584 “J” FeCu-Ni E=1.J,  
DIN/IEC-584 “K” NiCr-Ni E=1.K,  
DIN/IEC-584 2x“J” FeCu-Ni E=2.J (TCK, TCKR),  
DIN/IEC-584 2x“K” NiCr-Ni E=2.K (TCK, TCKR)
- Transmitter (TCKT or TCKRT) : 4...20mA current output, serial connection, (Loop Powered) transmitter.  
F = Calibration scale must be described on ordering.

TCKM (Terminal Block Type)

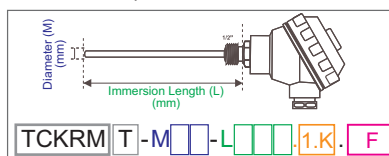
TCKRM (Terminal Block with Fittingnut Type)



TCKM T-M-L-1.K.F

TCKMT (Terminal Block with Transmitter Type)

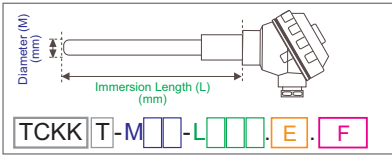
TCKRMT (Terminal Block with Fittingnut and Transmitter Type)



TCKRM T-M-L-1.K.F

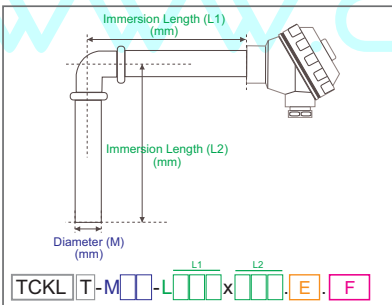
- Max. operating temperature: 1200°C
- Protection tube material : AISI310 (DIN1.4841)  
“inconel” is added to order code for INCONEL600
- Sensor type : DIN/IEC-584 “K” NiCr-Ni E=1.K,
- Transmitter : 4...20mA current output, serial connection,  
(TCKMT ve TCKRMT) (Loop Powered) transmitter.  
F = Calibration scale must be described on ordering

(TCKK) Terminal Block Type  
(TCKKT) Terminal Block with Transmitter Type



- Max. operating temperature: 1200°C for “K” NiCr-Ni  
 1600°C for “S” Pt10%Rh-Pt  
 1600°C for “R” Pt13%Rh-Pt
- Wire Diameter : 3,00mm for “K” type  
 0,35mm for “S” and “R” type
- Protection tube material : KER610 Ceramic
- Sensor type : DIN/IEC-584 “K” NiCr-Ni **E=1.K**,  
 DIN/IEC-584 “S” Pt10%Rh-Pt **E=1.S**,  
 DIN/IEC-584 “R” Pt13%Rh-Pt **E=1.R**,  
 2x“K” NiCr-Ni **E=2.K** (TCKK),  
 2x“S” Pt10%Rh-Pt **E=2.S** (TCKK),  
 2x“R” Pt13%Rh-Pt **E=2.R** (TCKK)
- Transmitter (TCKKT) : 4...20mA current output, serial connection, (Loop Powered) transmitter.  
**F** = Calibration scale must be described on ordering

(TCKL) Terminal Block Type “L” Type  
(TCKLT) Terminal Block Type “L” Type, Transmitter Type



- Max. operating temperature: 700°C
- Protection tube material : AISI304 Stainless steel
- Sensor type : DIN/IEC-584 “J” FeCu-Ni **E=1.J**,  
 DIN/IEC-584 “K” NiCr-Ni **E=1.K**,  
 2x“J” FeCu-Ni **E=2.J** (TCKK)  
 2x“K” NiCr-Ni **E=2.K** (TCKK)
- Transmitter (TCKKT) : 4...20mA current output, serial connection, (Loop Powered) transmitter.  
**F** = Calibration scale must be described on ordering

Compensation Cable



- Silicone + fiber glass + braided wire, 2 x 1,50 mm<sup>2</sup> IEC584 “J” FeCu-Ni
- Silicone + fiber glass + braided wire, 2 x 1,50 mm<sup>2</sup> IEC584 “K” NiCr-Ni
- Silicone + fiber glass + braided wire, 2 x 1,50 mm<sup>2</sup> IEC584 “S” Pt10%Rh-Pt
- Silicone + fiber glass + braided wire, 2 x 1,50 mm<sup>2</sup> IEC584 “R” Pt13%Rh-Pt