



Thermocouple

Model ASTC-HR

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Hot runner Thermocouple

Type K, J, T, N. Other types upon request

Single or double hot joint

Tolerance Class 1 or 2 according to CEI EN60584-1, Standard o Special according to ASTM E230

Hot joint: insulated, grounded

Oxide Mineral insulation (MgO)

Sheath material: Stainless steel 316, Inconel600

Sheath diameters from 0,5 to 3 mm

Junction transition:

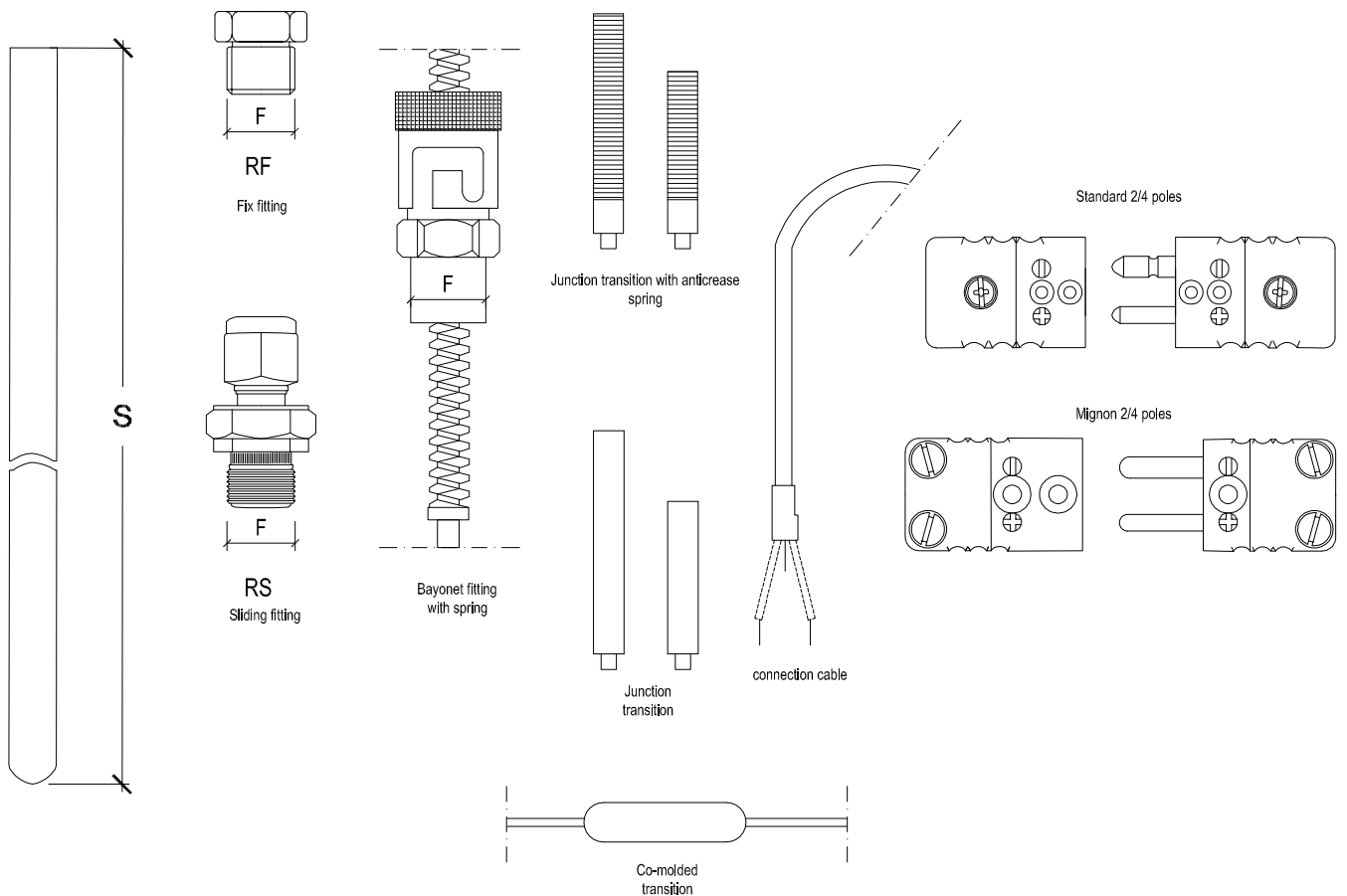
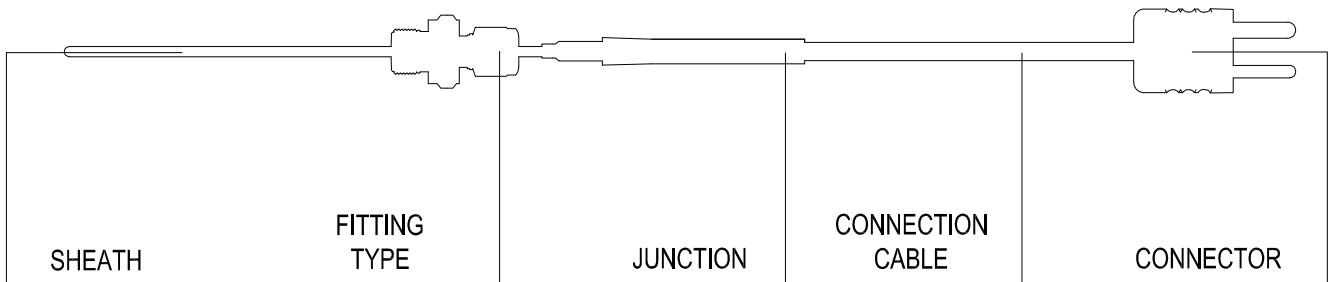
- co-molded transition 5x20 mm, T.max di 530 °C
- in AISI diameter 4 or 6 mm

Extension cable in various size and insulation (PVC, Teflon, Silicone rubber, Fiberglass TTS with tinned copper armour, Fiberglass TTS with AISI armour, Kapton)

Polarized connector inserted directly on the cable

Fix or sliding fittings or bayonet with spring

Temperature transmitter DIN rail upon reques



MODEL	
Thermocouple K type	K
Thermocouple J type	J
Thermocouple T type	T
Thermocouple N type	N
Double TC K ($\varnothing > 2$ mm)	2K
Double TC J ($\varnothing > 2$ mm)	2J
Double TC T ($\varnothing > 2$ mm)	2T
Double TC N ($\varnothing > 2$ mm)	2N

HOT JOINT	
Insulated joint	a
Grounded joint	b

SHEATH DIAMETER	
\varnothing mm 0,5	0,5
\varnothing mm 1	1
\varnothing mm 1,5	1,5
\varnothing mm 2	2
\varnothing mm 3	3

SHEATH MATERIAL	
Stainless steel 316	a16
INCONEL 600	i

TOLERANCE	
Class 1, CEI EN60584-1	1
Class 2, CEI EN60584-1	2
Class Special, ASTM E230	A
Class Standard, ASTM E230	B

JUNCTION TRANSITION	
Co-molded transition 5x20 mm	C
AISI transition 4x30 mm, without spring	B1
AISI transition 4x30 mm, with spring	B2
AISI transition 6x30 mm, without spring	B3
AISI transition 6x30 mm, with spring	B4
AISI transition 6x50 mm, with spring	B5

CONNECTION CABLE	
PVC	Pv
Teflon MFA	Ka
Silicone rubber	Te
Fiberglass TTS, tinned copper armour	Fb
Fiberglass TTS, AISI armour (HT)	Fba
Kapton	Gs

CABLE LENGTH (S)	
meter	

SHEATH LENGTH	
from 10 mm	

CONNECTOR	
Miniature 2 poles (male)	CmM
Standard 2 poles (male)	CsM
Double Miniature 4 poles (male)	CmMd
Double Standard 4 poles (male)	CsMd

FITTING TYPE	
Fix fitting*	Rf
Sliding fitting	Rs
Bayonet fitting with spring (female cap)	B

FITTING THREAD	
1/8" Gas Male	1/8G
1/8" NPT Male	1/4G
1/4" Gas Male	1/8N
1/4" NPT Male	1/4N
M8 x 1 mm	M8
M8 x 1,25 mm	M8-25
M10 x 1 mm	M10
M12 x 1 mm	M12
M14 x 1,5 mm	M14

OPTION	
Temperature transmitter DIN rail	Tx

ACCREDIA CALIBRATION	
	A



(*) If a fix fitting is required, indicate whether the length includes the thread or not
 (**) Contact us for dimensions

