



Thermocouple

Model ASTC-H

Thermocouple Model ASTC-H

Thermocouple with Aluminum head connection

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

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

Hot joint: insulated or grounded

Simple or Oxide Mineral (MgO) insulation

Sheath material: Stainless steel 304, 310, 316, 321, Inconel600 or Microbell C

Sheath diameters from 0,5 to 21 mm

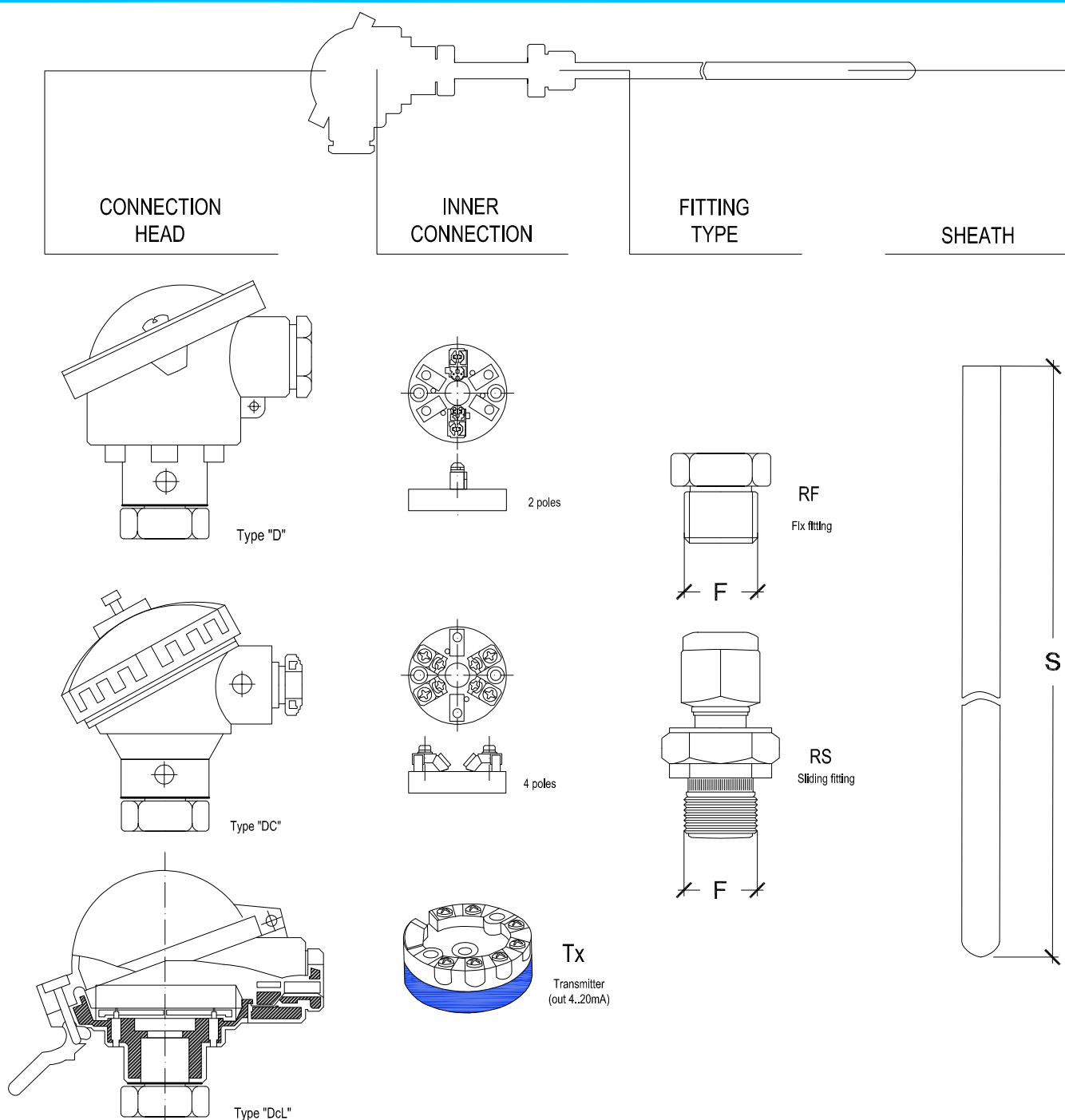
Aluminum head connection

Inner connection with ceramic terminal block or temperature transmitter analogue output 4..20 mA (HART protocol upon request)

Fix or sliding fittings

Option for plate for contact measuring or flange (only for 6 mm diameter sheath)

Support for aerothermic detection



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
Other types upon request	A

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
$\varnothing$ mm 3,17 (1/8")	3,17
$\varnothing$ mm 4	4
$\varnothing$ mm 4,5	4,5
$\varnothing$ mm 6	6
$\varnothing$ mm 8	8
Other diameter upon request	A

SHEATH MATERIAL	
Stainless steel 304	a04
Stainless steel 310	a10
Stainless steel 316	a16
Stainless steel 321	a21
INCONEL 600	i
Microbell C	Ni

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

CONNECTION HEAD	
DIN B	D
Screw cap DIN	Dc
Clips cap DIN	DcL

INNER CONNECTION	
2 poles	2
4 poles	4
Temperature transmitter (out 4..20mA)	Tx
HART temperature transmitter (out 4..20mA)	TH

SHEATH LENGTH (S)	
from mm 30	

FITTING TYPE	
Fix fitting*	Rf
Sliding fitting	Rs
Perpendicular plate**	P
Longitudinal plate**	L
Flange (only for $\varnothing$ 6 mm)	FI

FITTING THREAD	
1/8" Gas Male	1/8G
1/4" Gas Male	1/4G
3/8" Gas Male	3/8G
1/2" Gas Male	1/2G
1/2" Npt Male	1/2N
Other types upon request	A

AEROTHERMIC BORE	
	A

ACCREDIA CALIBRATION	
	A



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

(**) Contact us for dimensions

