

ATYTR Ø6

TEMPERATURE MEASUREMENT ASSEMBLY WITH CONNECTION HEAD AND Ø6mm ELEMENT

Thermo-resistor probe, with extractable insert with mineral insulation and stainless steel thermowell



TECHNICAL CHARACTERISTICS:

Sensor element:	Single (4 wires) or double (6,8 wires) Pt100 Ω 0 °C in accordance with IEC 751, class A or B
Operating range:	Class A: -30 ÷ 350 °C Class B: -50 ÷ 500 °C
Construction:	Extractable insert with densely packed mineral insulation (MgO) Ø3 mm
Insulation:	100 M Ω at 100 Vdc.
Sheath:	AISI 316 pipe Ø6 x 5 mm
Process connection:	<ul style="list-style-type: none"> Welded plug 1/4" - 3/8" 1/2" - 3/4" Gas cylindrical (UNI ISO 228), or NPT (ANSI - ASME B1-20) (others on request) No connection, sliding compression fitting
Electrical connection:	Din B head with adjustable PG16 output containing plastic terminal block (ceramic on request) or 4 ÷ 20 mA transmitter (others on request)
Response time:	Less than 15 sec. (test in water in accordance with IEC 751 Time taken to reach 63.2% of temperature step)

Order code for quick delivery*:

ATYTR#	P1	6	A	X
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Class

A	A
B	B

Number of el

Single El 4 wires	S
Double El 6 wires	D
Double El 8 wires	G

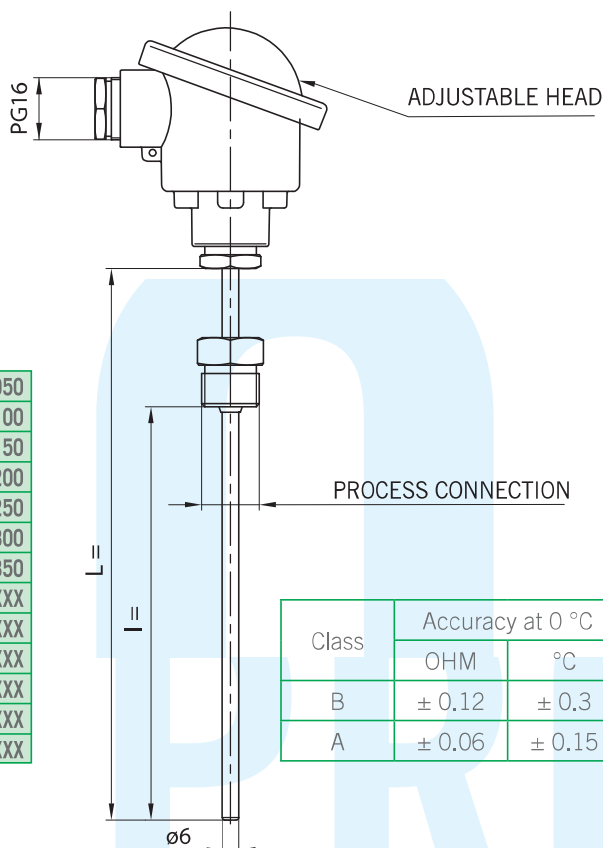
Process connection

no connection	XX
1/4" gas CYL	AD
1/4" NPT	AF
3/8" gas CYL	AG
3/8" NPT	AI
1/2" gas CYL	AL
1/2" NPT	AN
3/4" gas CYL	AO
3/4" NPT	AQ

Connection Block/Transmitter

Nylon connection block	ON
Transmitter 4÷20 mA	T8

L = (mm)	I = (mm)		
100	50	0100	0050
150	100	0150	0100
200	150	0200	0150
250	200	0250	0200
300	250	0300	0250
350	300	0350	0300
400	350	0400	0350
100	-	0100	XXXX
150	-	0150	XXXX
250	-	0250	XXXX
300	-	0300	XXXX
350	-	0350	XXXX
400	-	0400	XXXX



Class	Accuracy at 0 °C	
	OHM	°C
B	± 0,12	± 0,3
A	± 0,06	± 0,15

*All components required for swift assembly of the finished product are available from stock.