

# AT4-MTS

## Explosion-Proof thermostat

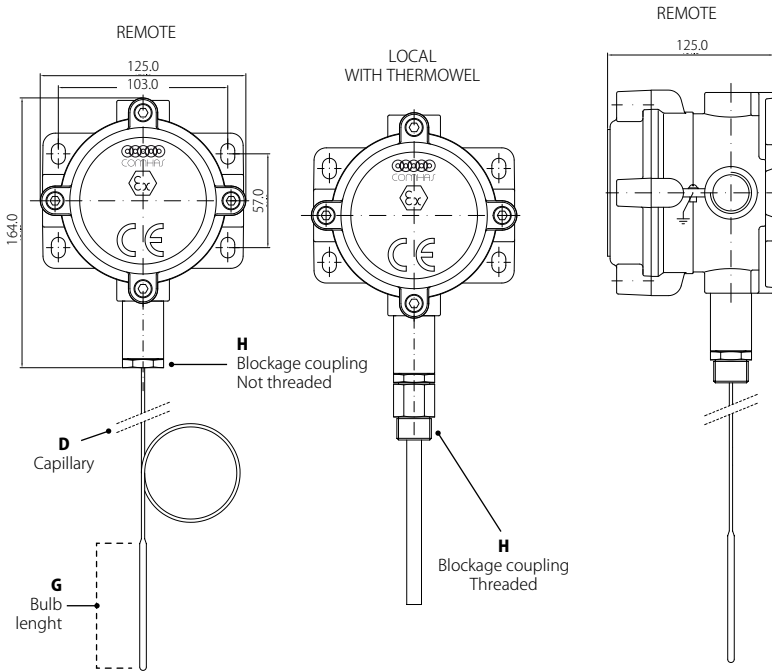


- Ranges from -35°C to 320°C
- 1 contact SPDT
- Electrical rating 3A @ 400Va
- Internal wiring for cable max 2.5 mm<sup>2</sup>
- Response time <1°C/min
- Bulb and capillary in stainless steel 304
- Available thermowell (on request)
- Internal set-point adjustment
- External housing in aluminum painted RAL 9022
- Max temp. amb: 60°C
- Set point values and corresponding dead band can vary with room temperature variations.

<b>ATEX</b>	CE 1370 II 2G Ex d IIC T6 Gb II 2D Ex tb IIIC T85°C Db, -60°C ≤ T <sub>amb</sub> ≤ +60°C Certificate: BVI 15 ATEX 0076
<b>IECEx</b>	Ex d IIC T6 Gb Ex tb IIIC T85°C Db IP66 Certificate: IECEx EPS 15.0063X
<b>ENCLOSURE RATING</b>	IP66



**DIMENSIONS**



**IMPORTANT NOTES FOR INSTALLATION:**

Cables must be fitted through M25x1.5 cable gland or ATEX/IECEx conduit (not supplied with instrument).

Make sure after cabling to close tight cover and cable gland, in order to keep IP66 rating

Open cover only after de-energising instrument.

Attention: check local safety rules and warnings on unit and manual for a correct use of the instrument in hazardous area.

**IDENTIFICATION CODE AT4-MTS**

CODE	AT4	-	MTS	-	A	/	R	/	A	/	1000	/	S	/	S	/	S	/	G	/	B	/	T1	/	1C	/	*															
Model			MTS																																							
<b>A</b> Housing material	Alluminium				A																																					
<b>B</b> Version	Remote						R																																			
	Local						L																																			
<b>C</b> Range	See ranges table (code to be indicated)										...																															
<b>D</b> Max capillary length (mm) PLS indicate in mm (valid only for "R" option on version choice)	According to range see table (A). Indicate in mm.										...																															
<b>E</b> Option capillary	Armed (only for "R" version)												S																													
<b>F</b> Bulb diameter (Ø mm)	Standard see table (A)														S																											
<b>G</b> Bulb length (mm)	Standard see table (A)																S																									
<b>H</b> Blockage coupling	Not threaded																		X																							
	G ½" M																		G																							
	½"NPT M																		N																							
<b>I</b> Blockage coupling material	Brass (standard)																				B																					
	Stainless steel 316																				S																					
<b>F</b> Tag	Aluminium																					T1																				
<b>L</b> Electric contact	1 contact SPDT																						1C																			
<b>*</b> Other options	Compression fitting on capillary on request																								*																	

CODE	RANGES	DEAD BAND@ 25°C T.AMB.*	T. MAX BULB	DIM. BULB	CAPILLARY LENGTH	CAPILLARY LINING
A	-35 ... 35°C	4±3°C	50°C	Ø6x113(±4)mm	~2500 mm	PVC green
B	0 ... 40°C	2±1°C	50°C	Ø6x108(±4)mm	~1500 mm	PVC black
C	20 ... 70°C	5.5±3,5°C	100°C	Ø6x108(±4)mm	~900 mm	NO
D	30 ... 90°C	5.5±3,5°C	120°C	Ø6x84(±4)mm	~1500 mm	PVC black
E	30 ... 120°C	4±2,5°C	150°C	Ø6,5x75(±2)mm	~1000 mm	PVC green
F	50 ... 220°C	8±4°C	260°C	Ø6,5x59(±4)mm	~1000 mm	NO
G	50 ... 320°C	12±7°C	350°C	Ø4x90(±4)mm	~1500 mm	NO

