

Temperature Transmitter Series TT55

FEATURES

- Stainless steel design
- Standard accuracy 1/3DIN
- Hygienic process connection
- 4-20mA, Hart protocol, Profibus PA Output
- Intrinsic safe

TYPICAL USES

- Oil & Gas
- Chemical
- Power
- Food & Beverage
- Pharmaceutical



TT55

TECHNICAL SPECIFICATIONS

Accuracy :	0.1 % (Optional 0.075 %)
Output :	4-20mA, 2wire Hart protocol Profibus PA
Power Supply :	12 - 36 Vdc (ATEX: 12 - 30 Vdc)
Adjustment	By button , H.H.T or PC
Display	Multilingual, with bargraph, backlight
Sensor Type :	Pt 100, 3wire 1/3DIN class B -50 °C...+200 °C
Sheath Diameter:	6mm, 8mm, 9mm
Sheath Length:	50 to 1000 mm
Protection Class :	IP66
Process Connection :	G1/2" G1" Tri-clamp@ Milkcoupling (DIN11851) Varivent®
Electrical Connection :	PG gland

WETTED PARTS

316 SS

NON WETTED PARTS

 Housing : 304 SS
 316 SS

ENVIRONMENTAL SPECIFICATIONS

 Temperature Limits:
 Ambient : -20...+80°C

APPROVALS

ATEX Exia II CT4

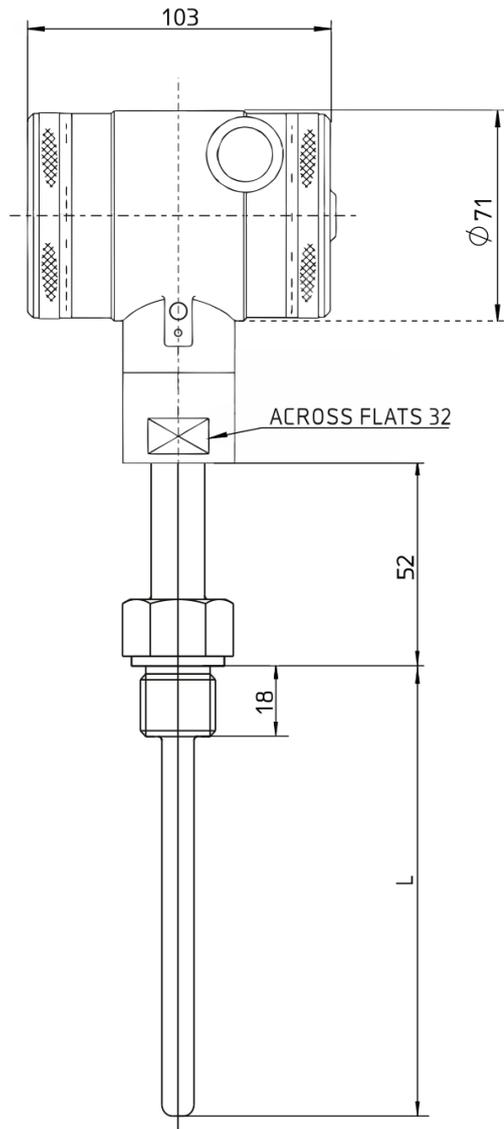
KEY BENEFITS

- Microprocessor based
- Unique control button and display
- Adjustable damping
- Graphic display with bargraph and backlight

Temperature Transmitter Series TT55

DIMENSIONS (mm)

For reference only, consult Ashcroft for specific dimensional drawings



Temperature Transmitter Series TT55

ORDERING CODE	EXAMPLE:	TT55	7	GV	L150	N	D6	HA	P5	C4
Model	TT55	Temperature Transmitter								
Accuracy	10	0.1%								
	7	0.075%	7							
Process Connection	GV	G1/2" fixed nipple		GV						
	GO	G1/2" turning nipple								
	O	G3/4" coupling nut								
	S	G1" Sanitary connection (male)								
	M25	Milk coupling DN 25 (DIN11851)								
	M40	Milk coupling DN 40 (DIN11851)								
	M50	Milk coupling DN 50 (DIN11851)								
	L15	Tri-clamp @ 1½"								
	L20	Tri-clamp @ 2"								
	X4	Varivent®								
	X	Special connection								
Sheath Length	L	length probe in mm.			L150					
Lag Length	N	No				N				
	E...	Extra Extension between housing and process connection								
Sheath Diameter	D6	6 mm (straight)					D6			
	D8	8 mm(straight)								
	D9	9 mm (straight)								
	D96	9 mm, with reduced tip 6 mm Other								
	D..	diameter (specify)								
Output	42	4-20mA								
	HA	Hart® protocol						HA		
	EX	Intrinsic safe								
	PA	Profibus PA (Not available in Ex)								
Options	P5	Insertion out of Bar Stock							P5	
	YW	316L housing								
	NH	Stainless steel tagging wired								
Approval	C4	Calibration certificate								C4