



### PRESSURE GAUGES

### PRESSURE TRANSMITTERS

Model:	213.53		232.50 / 233.50		232.30 / 233.30		Model:	A-10	IS-3
<b>Description:</b>	General Purpose		Industrial		Safety Pattern	Safety Pattern ATEX	<b>Description:</b>	General Purpose	Hazardous Area ATEX / IECEx Intrinsically Safe Field Housing
<b>Size:</b>	63mm (2 1/2")	100mm (4")	63mm (2 1/2")	100mm (4")	63mm (2 1/2")	100mm (4")	<b>Output:</b>	4 .. 20 mA	4 .. 20 mA
<b>Thread:</b>	G 1/4 B	G 1/2 B	G 1/4 B	G 1/2 B	1/4"NPT	1/2"NPT / G 1/2 B	<b>Input:</b>	2 wire	2 Wire
<b>Case Material:</b>	Stainless Steel		Stainless Steel		Stainless Steel		<b>Rating:</b>	IP65	IP69K
<b>Wetted Parts:</b>	Copper Alloy		Stainless Steel		Stainless Steel		<b>Process Conn:</b>	G 1/4 A	G 1/2 B
<b>Conn:</b>	Btm Entry CBM	Btm Entry LBM	Bottom Entry		Bottom Entry		<b>Accuracy:</b>	≤ ±0.5 % of span BFSL	
<b>Accuracy:</b>	±1.6% fsd	±1.0% fsd	±1.6% fsd	±1.0% fsd	±1.6% fsd	±1.0% fsd	<b>Ranges:</b>	-1 / 0 barg	-1 / 0 barg
<b>Ranges:</b>	-1 / 0	-1 / 0	-1 / 0	-1 / 0	-1 / 0	-1 / 0	0 - 2.5 barg	0 - 2.5 barg	0 - 2.5 barg
<b>Dual Scale</b>	-1 / +1.5	-1 / +1.5	0 - 1	0 - 1	0 - 1	0 - 1	0 - 4 barg	0 - 4 barg	0 - 4 barg
<b>bar / psi</b>	-1 / +3	-1 / +3	0 - 2.5	0 - 2.5	0 - 2.5	0 - 2.5	0 - 6 barg	0 - 6 barg	0 - 6 barg
	-1 / +5	-1 / +5	0 - 4	0 - 4	0 - 4	0 - 4	0 - 10 barg	0 - 10 barg	0 - 10 barg
	-1 / +9	-1 / +9	0 - 6	0 - 6	0 - 6	0 - 6	0 - 16 barg	0 - 16 barg	0 - 16 barg
	0 - 1	0 - 1	0 - 10	0 - 10	0 - 10	0 - 10	0 - 25 barg	0 - 25 barg	0 - 25 barg
	0 - 2.5	0 - 2.5	0 - 16	0 - 16	0 - 16	0 - 16	0 - 40 barg	0 - 40 barg	0 - 40 barg
	0 - 4	0 - 4	0 - 25	0 - 25	0 - 25	0 - 25	0 - 60 barg	0 - 60 barg	0 - 60 barg
	0 - 6	0 - 6	0 - 40	0 - 40	0 - 40	0 - 40	0 - 100 barg	0 - 100 barg	0 - 100 barg
	0 - 10	0 - 10			0 - 60	0 - 60	0 - 160 barg	0 - 160 barg	0 - 160 barg
	0 - 16	0 - 16			0 - 100	0 - 100	0 - 250 barg	0 - 250 barg	0 - 250 barg
	0 - 25	0 - 25			0 - 160	0 - 160	0 - 400 barg	0 - 400 barg	0 - 400 barg
	0 - 40	0 - 40			0 - 250	0 - 250	0 - 600 barg	0 - 600 barg	0 - 600 barg
	0 - 60	0 - 60			0 - 400	0 - 400			
	0 - 100	0 - 100							
	0 - 160	0 - 160							
	0 - 250	0 - 250							
	0 - 400	0 - 400							
	0 - 600	0 - 600							

### OPTIONAL EXTRAS (Other options / stock available on request)

<b>Panel Clamp:</b>	Available	Available	-	-	-	-	-	-	-
<b>Glycerine Filled:</b>	Filled		Available	Available	Available	Available	-	-	-
CERTIFICATION									
<b>Cert of Conformity:</b>	Available		Available		Available		<b>Cert of Conformity:</b>	Available	Available
<b>3.1 Certified:</b>	-		-		Available	Available			
<b>NACE Certified:</b>	-		-		-	Available			



### TEMPERATURE TRANSMITTERS & BIMETAL THERMOMETERS

Model:	T15	T32	S5412/4
<b>Description:</b>	Process Industry. ATEX EEx ia. Head Mount	Process Industry. ATEX EEx ia. Head Mount	Bimetal Thermometer any angle 4" Dial. Stem 6mm diameter, Stainless Steel. 1/2"NPT compression fitting
<b>Output:</b>	4 ... 20 mA	4 ... 20 mA HART	
<b>Input:</b>	2, 3 or 4 wire RTD	2, 3 or 4 wire RTD, Thermocouple, Potentiometer MV	
<b>Ranges:</b>	Programmable	Programmable	-20°C. to 100°C. 0°C. to 160°C. 0°C. to 250°C.
<b>Stem Lengths:</b>	-	-	150mm, 225mm, 350mm
CERTIFICATION			
<b>Cert of Conformity:</b>	Available		Available
<b>IEC61508 Certified:</b>	-		-



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## PRESSURE TRANSMITTERS

Model:	2088		2051		3051S		
<b>Description:</b>	In-line ATEX Flameproof Intrinsically Safe Type n, Dust		LCD Indicator ATEX Flameproof Intrinsically Safe Type n, Dust		LCD Indicator ATEX Flameproof Intrinsically Safe Type n, Dust		
<b>Output:</b>	4 ... 20 mA HART		4 ... 20 mA HART		4 ... 20 mA HART		
<b>Input:</b>	2 wire		2 wire		2 wire		
<b>Rating:</b>	IP66/68		IP66/68		IP66/68		
<b>Process Connection:</b>	G 1/2 B or 1/2"NPT F		G 1/2 B or 1/2"NPT F	1/4"NPT F	G 1/2 B or 1/2"NPT F	1/4"NPT F	
<b>Ranges:</b>	<b>Gauge</b> 0 - 2.1 barg 0 - 10 barg 0 - 55 barg	<b>Absolute</b> 0 - 2.1 bar 0 - 10 bar	<b>Gauge</b> 0 - 10 barg 0 - 55 barg 0 - 276 barg	<b>Differential</b> 0 - 25 "H <sub>2</sub> O 0 - 250 "H <sub>2</sub> O 0 - 1,000 "H <sub>2</sub> O 0 - 300 psi	<b>Gauge</b> 0 - 10 barg 0 - 55 barg 0 - 276 barg	<b>Absolute</b> 0 - 2.1 bar	<b>Differential</b> 0 - 25 "H <sub>2</sub> O 0 - 250 "H <sub>2</sub> O 0 - 1,000 "H <sub>2</sub> O 0 - 300 psi

## CERTIFICATION

<b>Cert of Conformity:</b>	Available	Available	Available
<b>3.1 Certified:</b>	Available	Available	Available
<b>Calibration Certified:</b>	Available	Available	Available
<b>IEC61508 Certified:</b>	-	Available	Available



## TEMPERATURE TRANSMITTERS

Model:	644	3144P
<b>Description:</b>	Enhanced Accuracy EEx ia Head Mount	ATEX Flameproof Intrinsically Safe Type n, Dust
<b>Output:</b>	4 ... 20 mA HART	4 ... 20 mA HART
<b>Input:</b>	2, 3 or 4 wire RTD, Thermocouple, MV	2, 3 or 4 wire RTD, Thermocouple, MV
<b>Ranges:</b>	Programmable	Programmable
<b>CERTIFICATION</b>		
<b>Cert of Conformity:</b>	Available	Available
<b>IEC61508 Certified:</b>	Available	Available



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