

Data sheet for:	PRESSURE TRANSMITER	Tag No. : XX-PT-XXXX.
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GENERAL	SERVICE	PRESURE MEASUREMENT	
	LINE NUMBER		
	FUNCTION	GAUGE PRESSURE TRANSMITTER	
	MOUNTING / ENCLOSURE		IP 67
	POWER SUPPLY / OUTPUT	24 VDC, LOOP POWERED	4-20 mA, 2 WIRE, HART
	AREA CLASSIFICATION	ZONE 2	

PROCESS DATA	FLUID	OIL DISTILLATE	
	PRESS. MAX. / PRESS. OPER.	100 BarG	70 BarG
	TEMP. MAX. / TEMP. OPER.	50°C	
	OPER. S.G. / OPER. VISC.	0.7-0.85 g/cm3	1-15 cP
	VACUUM SERVICE	YES	

UNIT	MEASURING RANGE	-1 +100 BAR	
	CALIBRATION	0-100 BAR	
	ELEMENT TYPE / MATERIAL	CAPACITANCE	316 ST.ST.
	BODY RATING / MATERIAL	3000 PSI	316 ST.ST.
	PROCESS FLANGES MATERIAL	316 ST.ST.	
	WETTED O-RING MATERIAL	VITON	
	DIAPHR. MATERIAL / FILL FLUID	316 ST. ST.	SILICONE OIL
	BOLTS / HOUSING	SST 316	ALUMINIUM EPOXY PAINTED
	PROCESS CONNECTION	1/2" NPT	
	ELECTRICAL CONDUIT	1/2" NPT	WITH PLUG

DIAPH. SEAL	LOW SIDE CON'N / RATING		
	DIAPHRAGM MATERIAL		
	UPPER HOUSING MATERIAL		
	LOWER HOUSING MATERIAL		
	FILL FLUID		
	CAPILLARY MATERIAL		
	CAPIL. TYPE / CAPIL. LENGTH		
	FLUSHING CONNECTION		

OPTIONS	INTEGRAL METER / ENG. UNITS	YES	BarG
	LOCAL DISPLAY	YES	
	SAFETY CERTIFICATION	SIL 2 ACCORDING TO IEC 61508	
	CALIBRATION	YES INCLUDING DISPLAY	
	Ex CERTIFICATION	ZONE 2 Eex ia IIC T6	
	ACCURACY	0.1% OF FULL SCALE	

PURCHASE	MANUFACTURER	ABB SIEMENS YOKOGAWA SMAR	
	PURCHASE ORDER NO.		
	MODEL		
	SERIAL NUMBER		
	REMARKS		

NOTES	1. SAFETY CERTIF. IS REQUIRED FOR EACH TRANSMITER		
	2. WITH LOCAL PUSH BUTTON FOR SETTING OF ALL PARAMETERS INCLUDING ZERO AND SPAN VALUE, A/D CALIBRATION & DEMPING CALIBRATION.		
	3. SHUD BE SUPPLIED WITH DEMPING = 0 SEC		

						תשתיות נפט ואנרגיה בע"מ 	
P0	07/02/2017	FOR COMMENTS	AS	AS	AS	DATA SHEET : PT01	PAGE 1 OF 1
REV.	DATE	DESCRIPTION	BY	CHK	APP	REF P&ID:	PROJECT No.