

Data sheet for: DENSITY TRANSMITTER	Tag No.
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GENERAL	TYPE	CORIOLIS EFFECT	
	LINE NUMBER / SIZE	10"	
	SERVICE	DENSITY MEASSUREMENT	
	MOUNTING / ENCLOSURE	BY SAMPLING	IP 67
	AREA CLASSIFICATION	ZONE 2 GROUP IIA	

PROCESS DATA	FLUID	OIL DISTILLATE WITH UP TO 15% MTBE	
	FLOW DIRECTION	BI-DIRECTIONAL	
	PRESS. MAX. / PRESS. OPER.	100 BarG	70 BarG
	TEMP. MAX. / TEMP OPER	50 °C	AMB.
	OPER. S.G. / OPER. VISC.	0.6-0.9 g/cm3	0.5-7.0 cP
	OPERATING RANGE	0.6-0.9 g/cm3	

MEASURING SENSOR	VERSION: COMPACT/SEPARATE	COMPACT	
	ELEMENT TYPE / MATERIAL	TUBE	316 ST.ST.
	BODY RATING / MATERIAL	150 Bar	316 ST.ST.
	PROCESS CONNECTIONS MATERIAL	316 ST.ST.	
	ACCURACY / REPEATABILITY	+/- 2 kg/m3	0.05% plus zero stability
	PROTECTION		
	PROCESS CON'N / ELEC. CON'N	3/8" MNPT	

CONVERTER	VERSION: COMPACT/SEPARATE	COMPACT	
	ANALOG OUTPUT	1 X 4-20 mA (DENSITY)	
	FREQUENCY OUTPUT	NO	
	PULSE OUT LEVEL	1 ALARM FOR NO FLOW	
	ISOLATION		
	DENSITY MEASURING RANGE	0.600 - 0.900 gr/cm ³	
	LITER PER PULSE		
	POWER SUPPLY	24 VDC	
	TEMP. OUTPUT		
	INTEGRAL METER / SCALE	YES	GR/CM3
	HYDROSTATIC TESTING		
	CLEANING		
	CALIBRATION	YES (CERTIFICATED DENSITY CALIBRATIONWITH PURE WATER)	
	CERTIFICATION	ZONE 2 Eex ib IIA, SIL2	
	ACCURACY	+/- 2 kg/m3	

PURCHASE	MANUFACTURER	YOKOGAWA, KROHNE, SIEMENS	
	PURCHASE ORDER NO.		
	MODEL		
	SERIAL NUMBER		
	REMARKS		

NOTES	WITH LOCAL PROGRAMMING PUSH BUTTONS
	ALL DATA & SOFTWARE ON MEDIA

REV.	DATE	DESCRIPTION	BY	CHK	APP	DATA SHEET : DT01		PAGE 1 OF 1				
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