

Data sheet for: **TURBINE FLOWMETER 6" 150#** Tag No. : **000-FT-**

GENERAL	SERVICE	OIL DISTILLATE
	FLOWMETER TYPE	TURBINE
	AREA CLASSIFICATION	ZONE 2 GROUP A
	LINE NUMBER / SIZE	6" 150#
	APPLICATION	INVENTORY CONTROL & LEAK DETECTION

PROCESS DATA	PROCESS FLUID	OIL DISTILLATE WITH UP TO 15% MTBE	
	FLOW: MAX / MIN. / OPER.		
	PRESS. MAX / PRESS. OPER.	19BAR	
	TEMP. MAX / TEMP. OPER.	60 °C	AMB.
	OPER. S.G. / OPER. VISC.	0.7-0.86	
	SOLIDS / BUBBLES	< 5% VOL.	< 1% VOL.

METERING ELEMENT	FLOW:	DIRECT	
	PICKUP COILS	2	
	ELEMENT TYPE / ELEMENT MATERIAL	TURBINE ROTOR TYPE	ST.ST.
	FLANGES / BODY MATERIAL	CS	316 ST. ST.
	BEARINGS	TUNGSTEN CARBIDE	
	FLANGE MATERIAL	CS	
	CONN. SIZE / TYPE & RATING	6"	ANSI 150# RF
	METER CASING / CABLES ENTRY		
LINEARITY	±0.15%		

TRANSMITTER	FUNCTION	FLOW AMPLIFIER (2 PCS)	
	MODEL		
	POWER SUPPLY	24 VDC	
	ENCLOSURE	IP 67	
	PROTECTION	Eex ib IIA	
	CERTIFICATION	CENELEC CUSTODY TRANSFER	
	FREQUENCY SIGNAL		
	OUTPUT SIGNAL	FREQUENCY	
	MOUNTING / PAINTING	FIELD	BY VENDOR
	ELECTRICAL CONNECTION		

OPTIONS	DISPLAY	
	CALIBRATION	YES
	CERTIFICATION	YES
	TAG No. NAME PLATE	

PURCHASE	MANUFACTURER	SMITHMETER DANIEL	
	PURCHASE ORDER NO.		
	MODEL		
	SERIAL NUMBER		
	REMARKS		

REV.	DATE	DESCRIPTION	BY	CHK	APP	DATA SHEET : FT05	PAGE 1 OF 1	REF P&ID:	PROJECT No.		

