

# PRODUCT DATA SHEET



## MX12P-2TC - 1/2" DIGITAL FLOW METER WITH FLAME PROOF (EX D)

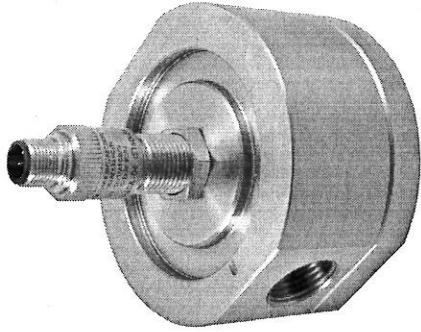
The MX Series 1/2" DIGITAL FLOW METER are suitable for flows between 2 – 30 L/min (0.53 – 7.93 GPM), providing highly accurate flow measurement performance. The MX Series offers  $\pm 0.5\%$  accuracy of true reading in a compact footprint, requiring no flow conditioning and with high pressure and temperature capabilities.

### Key features include:

- Stainless Steel (316) construction
- FEP Encapsulated seals
- Maximum flow rate 30 L/min / 7.93 GPM
- Accuracy of  $\pm 0.5\%$  of reading
- Exceptional repeatability of  $\pm 0.03\%$
- Temperature up to 150 °C / 302 °F
- 1 point factory calibration as standard, with additional points upon request

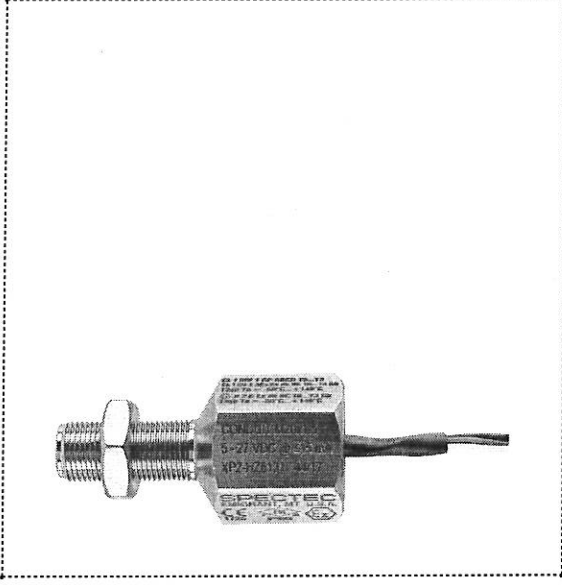
### SPECIFICATIONS

		MX12P-2TC	
Material of construction	Meter Body	Stainless Steel (316)	
	Rotor Seals	Stainless Steel (316) FEP Encapsulated	
Design Specifications		1/2" NPT Thread	
Process Connections		min	max
Technical Specifications			
Flow rate	< 5cP	3	20
	> 5cP	0.79	5.28
Non lubricating fluids		2	30
		0.53	7.93
Operating Temperature Range**		-	30
		-40	7.93
		-40	150
			302
Accuracy ( $\pm\%$ )		$\pm 0.5\%$	
Repeatability ( $\pm\%$ )		$\pm 0.03\%$	
Nominal K-Factor		112 Pulses/Litre	
		424.08 Pulses/Gallon	
			L/min
			GPM
			L/min
			GPM
			L/min
			GPM
			°C
			°F



MX12P-2TC

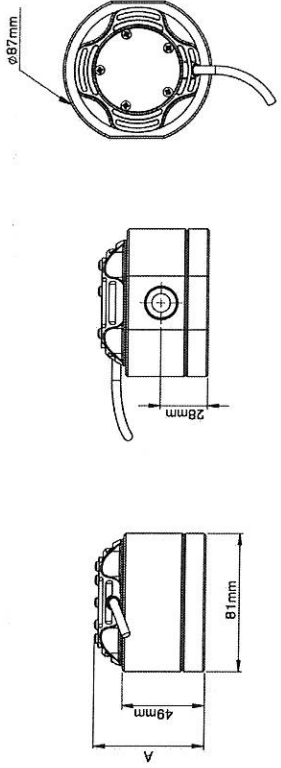
### OUTPUT TYPE



FLAME PROOF (EX D)

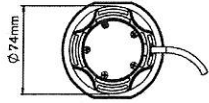
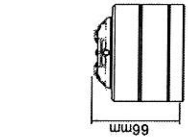
		EX Approved [Ex D]	
Construction		Stainless Steel	
IP Rating		-	
Temp		Min: - Max: - °C Min: - Max: - °F	
EX Approvals		IECEX, ATEX, US & CAN THROUGH FM Please refer to instruction manual and certification documentation for product appropriate certification information	
Display			-mm/-mm
Digit size (upper/lower)			X
Accumulated total			X
Resettable total			X
Preset total			X
Flow rate			X
Outputs			X
4-20 mA (passive)			X
Pulse/Transistor Output			X
Flow Alarm			X
Batch Control output			X

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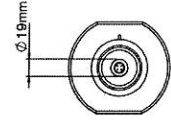
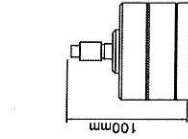


## PULSER AND DISPLAY HEIGHT - A

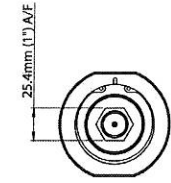
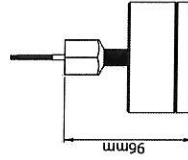
OUTPUT A,I,K  
PULSER - Standard



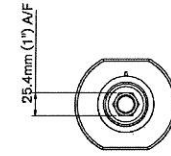
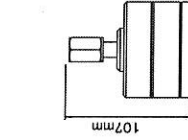
OUTPUT B  
PULSER - Exia



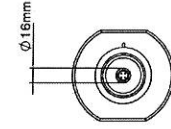
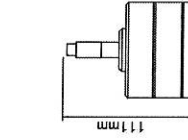
OUTPUT C  
PULSER - Exd



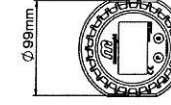
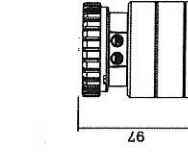
OUTPUT N  
PULSER - Exia



OUTPUT  
PULSER - High Temp.



OUTPUT D,E  
DISPLAY - LCD 12mm



OUTPUT F,G,H  
DISPLAY - LCD 17mm

