flow meters



Model: MX25F-1SE



1" Oval gear flow meter designed for the measurement of Fuels and Oils.

- Aluminium construction
- Viton® (FKM) seals
- Max flow rate 120 LPM / 32 GPM
- Temperatures up to 80°C
- Accuracy +/- 0.5% (0.25% available)
- Available with BSP(Rp), NPT, DIN, JIS or ANSI process connections
- **Select a Flowmeter** Step 1.Size **Flow Ran** 25 (1") Step 2.Family F series - FUEL AND OIL Max Pres **Step 3.Process Connection** Tempera **K-Factor**

1	-	BSP	(Rp)	
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Step 4.Rotor Type

S - Standard

Step 5.Pulser

E - 12mm LC Display (with outputs)

Process Connection

Port Size	1"
Connection Type	BSP (Rp)

Material of Construction

Body	Aluminium
Rotor	PPS
Bushing	No bushes
Seal	FKM (Viton®)

Technical Specifications

Flow Range	<5cps	>5cps
	10 - 100 LPM	6 - 120 LPM
	2.6 - 26 GPM	1.6 - 32 GPM
Max Pressure	13790 kPa	2000 psi
Temperature	-20 - 60°C	-4 - 140°F
K-Factor	Refer to Flowmeter Data	Plate
Accuracy	+/- 0.5% (0.25% availab	le with reduced range)
Repeatability	+/- 0.03%	

Service Kits

	Part Number	Description
Rotor Kit	MXS-25F-rotor	Rotor set and O-ring
Seal Kit	MXS-25F-seal	Meter Cap O-Ring - FKM (Viton®)

Accessories

SS Y Strainer	YS025-01 (60 mesh 250 μm)
Air Eliminator/Strainer	N/A
Wall Mount Adaptor	MXA-25-WM
3 point cal check	MXA-3ptcal
Pressure test	MXA- PRESSTEST



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Digital Display



DIGITAL DISPLAY TYPE: E

Type PRA 12mm LC Display (c/w outputs)

The PRA series is a meter mounted digital register with a 12mm LCD display, providing real-time indication of Flow rate, total and accumulated total. The output facilities include a 4-20mA, scaled pulse output and a High/Low flow alarm function.

Technical Specifications

	Power Supply	Battery	External Pwr Supply
		3V Lithium	18-30VDC
	Backup	EEPROM Flash memory	
	Outputs	4-20mA	
		Scaled Pulse	
r (mm)		Hi/Lo Flow	

Service Kits

Part Number	Description
MXS-PCB-PR	PCB + Housing to suit display types D, E
MXS-DIS-PRA	LCD unit to suit Disply PRA

Construction

Material	Polypropylene	
IP Rating	67	
Mounting	Meter Mount	
Connection	M-Lock ™	
Cable Entry	2x 12mm (blind)	
Dimensions	Height (mm)	Diameter (mm)
	48 mm	99 mm

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CF

LC Display

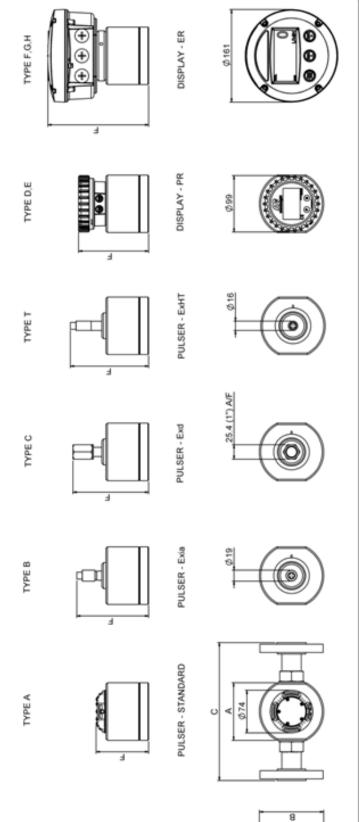
Dig	ital Size	Upper LCD	Lower LCD	
		7 digit / 12mm	7 digit / 7mm	
Dis	play	Total	Acc Total	Flow Rate
		resettable	non-resettable	User defined units



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MX25F-1SE





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		M	METER AND FLANGE DIM	IGE DIMENSIONS	IS SI			Ы	PULSAR AND DISPLAY HEIGHT - F	PLAY HEIGHT -	ч	
METER SIZE	PORT SIZE	A	8	J	٥	З	TYPEA	TYPE B	TYPE C	TYPET	TYPE D,E	TYPE F,G,H
90XW	1/4"	71	74	N/A	42	25	59	93	100	104	90	143
60XM	1/4"	71	74	N/A	42	24	59	93	100	104	90	143
MX12	1/2"	81	87	N/A	49	28	99	100	107	111	97	150
MX19	3/4"	100	112	N/A	62	37	62	113	120	124	110	163
MX25	1"	100	112	240	75	45	92	126	133	137	123	176
MX40	11/2"	120	137	240	103	61	120	154	161	165	151	204
MX50	2"	140	163	264	124	72	141	175	182	186	172	225

