

MULTI ZONE MONITORING

Upgrade your moulding machine with a new digital flow monitor to improve your productivity

Digital flow monitors will give you many advantages such as:

- Digital monitoring of Flow, Temperature and Pressure
- Alarm Output
- Higher flow capacity
- Higher temperature range
- Data storage and export
- Faster Mould changeovers
- OPC-UA / Euromap interface



Flosense 2.0

Manifolds - Retrofit Style



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Flosense 4.0

Compact Dual Line Manifolds
Integrated Sensors and Valves



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Flosense 3.0

All in One Flow Regulator Style
Integrated Control Screen



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Touch screen



Touch Screen mounted to the Manifolds.

Equipped with power, alarm, USB and Ethernet connections.

Display	
Type	Touch
Size	7,1"
Voltage	12-24 Volt.
Data	USB + Ethernet
Communications	OPC UA
Internal memory	Up to 30 days data (FIFO)

Part No.	Size	Manifold Inputs	Power Connection	Alarm Output	Interface
FS-7100	7.1"	4	12V	Yes	OPC-UA



The main screen will show all circuits with information about flow and temperature. The main inlet and outlet will also show including pressure.



By clicking on a specific circuit you will see detailed information, including delta T (heat transfer) of the specific channel. Also, turbulent flow indicator is included.



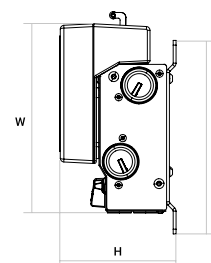
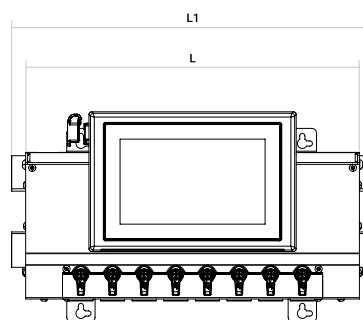
Data is stored in the internal memory and can be displayed in graphical view for each circuit. Data can also be exported for external use.



The system is equipped with Audit Log to keep track of all events including user ID tracer.

Digital Flow Regulator

Replace analogue water flow regulators with the new digital industry 4.0 ready monitors



Part No.	Ports	Length mm	Length 1 mm	Width mm	Height mm	B mm	Flow	Temp.
FFRM4-0,6-12**	4	220	250	200	123	205	0,6-12 l/m	120°C
FFRM4-1-20	4	220	250	200	123	205	1-20 l/m	120°C
FFRM4-2-40	4	220	250	200	123	205	2-40 l/m	120°C
FFRM6-0,6-12**	6	287	317	200	123	205	0,6-12 l/m	120°C
FFRM6-1-20	6	287	317	200	123	205	1-20 l/m	120°C
FFRM6-2-40	6	287	317	200	123	205	2-40 l/m	120°C
FFRM8-0,6-12**	8	354	384	200	123	205	0,6-12 l/m	120°C
FFRM8-1-20	8	354	384	200	123	205	1-20 l/m	120°C
FFRM8-2-40	8	354	384	200	123	205	2-40 l/m	120°C
FFRM10-0,6-12**	10	421	451	200	123	205	0,6-12 l/m	120°C
FFRM10-1-20	10	421	451	200	123	205	1-20 l/m	120°C
FFRM10-2-40	10	421	451	200	123	205	2-40 l/m	120°C
FFRM12-0,6-12**	12	488	518	200	123	205	0,6-12 l/m	120°C
FFRM12-1-20	12	488	518	200	123	205	1-20 l/m	120°C
FFRM12-2-40	12	488	518	200	123	205	2-40 l/m	120°C

Complete unit with Pressure sensor installed on main inlet. Retrofit your existing flow regulators with FloSense today.

** Available from Q4 2021

Material:

Flow modules: DZR Brass / nickel plated / Cover: stainless steel.

Flow		
Measuring range	Standard Sensor 0,6-12 l/min (0,16-3,17 gpm) 1-20 l/min (0,27-5,2 gpm) 2-40 l/min (0,53-10,4 gpm)	
Accuracy	(± 1 o) in water, ± 1% FS	
Temperature		
Measuring range	Standard Sensor 0-120°C (32-248°F) 15-90°C (59-194°F) ± 0.5 K	
Accuracy	0-120°C(32-248°F) ± 1 K	
Pressure		
Measuring range	Standard Sensor 0-10 bar (0-145 psi)	
Accuracy	± 2.5% FS	