FLOSENSE 3.0

FLOW MONITORING SYSTEM

PRESSURE

FLOW

TEMPERATURE

Technical Description:

Flosense; the affordable, flexible flow monitoring system designed for accurate measuring and monitoring of flow, temperature and pressure variations in cooling circuits

Flosense is designed to be installed in various locations within the cooling circuit including the main water supply, the mould heater, critical cooling channels or distribution manifolds.

Quick to install and easy to set-up, Flosense is a critical component in any injection moulding configuration and should form part of any setup where cost, control and quality are key considerations.

Additional information:

For additional information on how to install and use the Flosense system, check the guides and manuals available on the Mouldpro website, or contact sales@mouldpro.com.

Properties:

Flow measurement range:	0.5 - 40 L/min
Pressure measurement range:	0 - 10 Bar
Maximum sensor operating pressure:	16 bar
Temperature measurement range:	0 - 120°C or 0 - 160°C
Ambient temperature:	-25 to +60°C
Thread:	RG A – ISO 228/1

Sensor types:

Manifold cooling circuits:	Flow + Temperature
Manifold inlet and return:	Pressure + Temperature

Materials:

Flow pipes	DZR Brass
Flow insert - 120°C version	PPA40-GF
Flow insert - 160°C version	PPS

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DISPLAY

Connections and mounting:

- 1 Male 4-Pin M8 socket for alarm cable
- 1 Male 3-Pin M8 socket for power supply
- 1 Mini-USB socket
- 1 Cat6 Ethernet Socket
  Can be used for OPC-UA or VNC connection.
- The display is mounted on top of the manifold.

Key Features:

- Digital monitoring of Flow, Temperature and Pressure on up to 12 cooling circuits
- Data storage and export
- Alarm output with relay for warnings and alarms.
- OPC-UA/Euromap Interface
- VNC Dual link screen mirror connection

Properties:

Display	7" TFT touch screen with 16.7M Colours
Resolution	1024 x 600
Operating temperature	0 to 40°C

Power supply input

Voltage:	100-240V~
Frequency:	50-60 Hz
Current:	0.6 A

Power supply output

Voltage:	9 VDC
Current:	2 A
Output capacity:	18 W

Alarm output

Voltage:	5 VDC
Current:	3 A