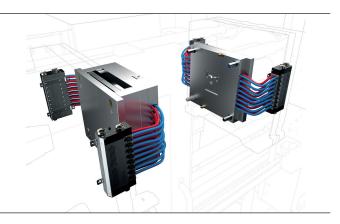


FLOSENSE 4.0

FLOW MONITORING SYSTEM







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: $0 - 120^{\circ}\text{C}$ or $0 - 160^{\circ}\text{C}$ Ambient temperature: $-25 \text{ to } +60^{\circ}\text{C}$ 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



(6



FLOSENSE 4.0

DISPLAY





Connections and mounting:

- 4 Female 3-Pin M8 sockets for connecting up to 8 manifolds
- 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.

• 1 Snap on bracket with magnets for mounting on metal surfaces Alternatively, the bracket has holes for mounting as well.

Key Features:

- Digital monitoring of Flow, Temperature and Pressure on up to 12 cooling circuits per manifold.
- Data storage and export.
- · Possibility to monitor and log data on up to 48 cooling circuits
- Possibility to connect up to 8 manifolds
- 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

Bracket magnets

Material: Neodymium N38
Magnetic field intensity: 2500 GS