

Flow indicator with impeller and filter

Polycarbonate, G 1/4", for water

Series: S-XPPM



Overview

Product type	Visual flow indicator with impeller and built-in filter
Medium	Water and water-based liquids
Pressure rating	PN 1 (max. 1 bar, ≈15 psi)
Connection	G 1/4" female thread
Body material	Polycarbonate (transparent)
Filter	Polypropylene, 70 to 130 µm, back-flushable
Medium temperature	0 to +55 °C (≈32 to 131 °F)
Flow direction	One direction only

Description

This flow indicator shows at a glance whether water flows, also at very low flow rates. The impeller turns inside a clear polycarbonate body, and a built-in, back-flushable filter catches dirt.

There is no flow scale and no stated flow range: the indicator only shows flow or no flow. The polycarbonate body is only suitable for lines with a very low pressure. For higher pressures (up to 25 bar) or hot water up to +90 °C, choose a brass flow indicator with a borosilicate sight glass. For an actual reading in l/min, choose a variable area flow meter.

Features

- ▶ Visible flow check, also at very low flow
- ▶ Built-in back-flushable filter (70 to 130 µm)
- ▶ Clear polycarbonate body
- ▶ No power supply needed
- ▶ Compact: 58 mm long, 24 mm diameter

Technical data

Medium	Water and water-based liquids
Function	Visual flow indication with impeller (no measured value)
Connection	G 1/4" female thread
Pressure rating	PN 1 (max. 1 bar, ≈15 psi)
Medium temperature	0 to +55 °C (≈32 to 131 °F)
Mounting position	Any
Flow direction	One direction only
Power supply	Not required
Weight	17 g

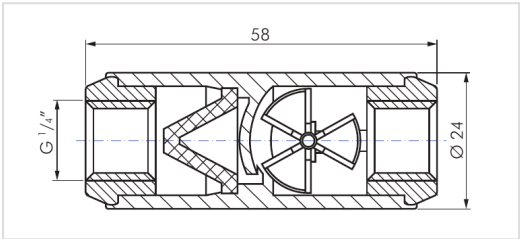
Materials

Body	Polycarbonate
Impeller	Polypropylene
Filter	Polypropylene, 70 to 130 µm

Models

Tameson SKU	Connection	Medium temperature	Weight
M286V	G 1/4" female	0 to +55 °C	17 g

Dimensions



Dimension	Value
Length	58 mm
Diameter	24 mm
Connection	G 1/4" female thread on both ends

Installation

- Check that the pressure in the line does not exceed the pressure rating and that the medium temperature stays within 0 to +55 °C.

► Mount the indicator in any position, with the flow in the one permitted direction.
- Use the indicator only for water and water-based liquids.

► Use only matching fittings and sealant for the G 1/4" threads, and check the connections for leaks after installation.

Maintenance

The built-in filter can be back-flushed to remove collected dirt. Depressurize and drain the line before removing the indicator.

⚠ Warning

Do not exceed the pressure rating PN 1 (max. 1 bar) and the maximum medium temperature of +55 °C. The indicator is not suitable for hot water, oil or aggressive liquids. Depressurize and drain the line before removing the indicator.

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Document Information

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Specifications subject to change without notice. Verify current specifications before ordering.