TECHNICAL DATA SHEET

IFM ELECTRONIC

TP SI5010

FLOW SWITCH



General Information	
Measuring principle	**Calorimetric**

Mechanical Data	
Process connection	**Threaded connection M18 x 1.5 Internal thread**
Probe length L	**45 mm**

Electrical Data	
Operating voltage	**18...36 V DC**
Electrical design	**PNP**
Number of digital outputs	**1**

Interface	
Communication interface	**IO-Link**
Transmission type	**COM2 (38.4 kBaud)**

Performance	
Setting range	**3...300 cm/s**
Greatest sensitivity	**3...100 cm/s**
Setting range	**200...3000 cm/s**
Greatest sensitivity	**200...800 cm/s**
Repeatability	**1...5 cm/s**
Switch point accuracy	**± 2...± 10 cm/s**
Hysteresis	**2...5 cm/s**
Temperature drift	**0.1 cm/s x 1/K**

Application	
Media	**Liquids; Gases**
Medium temperature	**-25...80 °C**
Pressure rating	**300 bar**

Safety	
Protection class	**III**
Reverse polarity protection	**Yes**
Short-circuit protection	**Yes**
Overload protection	**Yes**

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