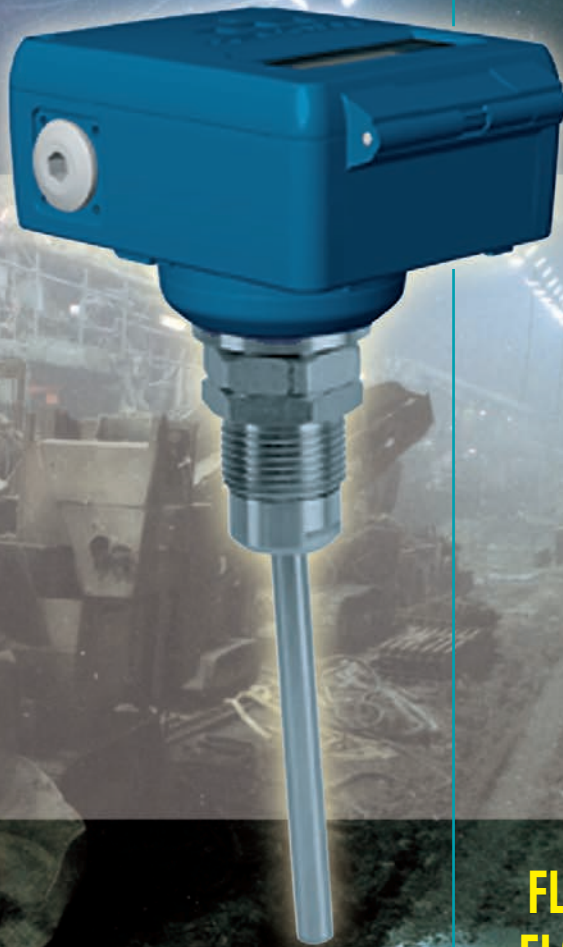


INSERTION FLOW SWITCH



**FLOW PROTECTION or
FLOW-FAILURE ALARM**
for insertion into pipes,
conduits and ducts.

- FOR USE WITH
-
- PUMPING SYSTEMS
-
- PRIMING CIRCUITS
-
- HYDRAULIC
SYSTEMS
-
- LUBRICATION
SYSTEMS
-
- COOLING SYSTEMS
-
- FIRE FIGHTING
INSTALLATIONS
-
- PROCESS PLANTS
-
- PETROCHEMICAL
PLANTS

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Lever is deflected by a few degrees when flow velocity is present.



Swivel coupling allows 360° rotation.

versatile

Low flow sensitivity – high static pressure suitable for liquids, gases and slurries.

low maintenance

Magnetically coupled lever – no seals, no bellows, no springs. Easy to remove for servicing.

adjustable range

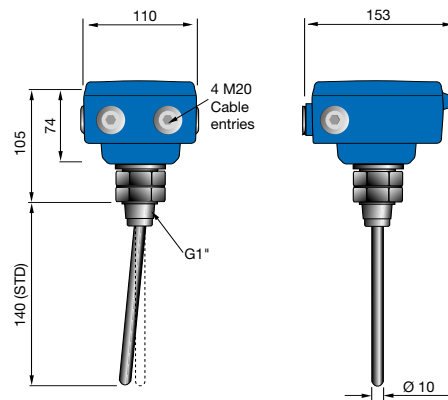
The flow switching point can be increased on-site by shortening the operating lever. Alternatively the swivel coupling on the base of the housing allows the body of the switch to be rotated on its axis to any 360° rotation, in line with the flow for maximum sensitivity or any oblique position for reduced sensitivity.

OPERATING DATA

technical details...

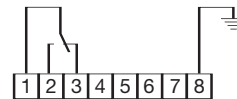
Ambient Temperature Limits:	-10...130°C.
Housing Material:	Stainless steel filled Polyamide 6.
Body Material:	Stainless steel 316 (PTFE to special order).
Protection Classification:	Dust and waterproof to IP66.
Electrical Connections:	4mm barrier terminals.
Nett Weight:	2Kg.
Maximum Working Pressure:	150 bar (2250psi) with standard 'T' piece 10 bar (150psi).
Proof Pressure:	300 bar (4500psi).
Flow Switching Point with water at 20°C:	1m/sec on rising flow with standard Ø10mm lever.
Set Point Hysteresis:	-2% of set point on falling flow.
Maximum Flow:	Limited only by the capacity of the pipe.
Process Connection:	G1" (also available with most standard mounting bush sizes and BS or ISO flange on request).

Dimensions



electrical details...

Magnetic Reed Contacts: 230V ac, 1 Amp, 25 Watts.
N.B. Contact protection is recommended to ensure that these instantaneous ratings are not exceeded during peak in-rush or surge conditions. Our Technical Applications Department will be pleased to assist with circuit applications.



CONTACTS SHOWN IN NO-FLOW CONDITION

order reference...

TX6001 INSERTION FLOW SWITCH

Please specify LEVER:	ROD LEVER	(11)
	PADDLE LEVER	(12)
Please specify MOUNTING:	G1" MALE	(51)
	G1" FEMALE	(52)

'T' pieces are also available in other sizes (please specify).

NOTE: When used with the standard 'T' piece, the maximum working pressure is 10 bar.

Higher pressure versions are available on request.



Removable lever assembly.



Flange mounting.

...for liquids, gases or slurries

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