

Compact - Durable - Accurate Easy to use flow switch. For General Industrial Applications



Model : FM4 - GPC

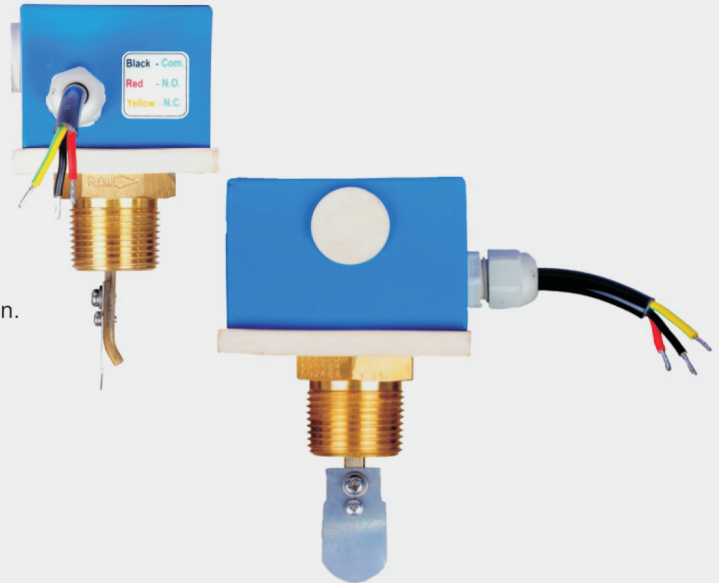
FLOWTECH™ Model : FM4- GPC

Applications

- Chillers / Heaters / Dryers - For water supervision.
- Hydraulics / Pneumatics - Lubricating oil flow supervision.
- Pumps / Compressors - Cooling water supervision.
- Lube Systems/Seal Monitoring-Lubricating oil or water flow supervision.
- Refrigeration / Filters - Cooling water supervision.
- Service and many others .

Description

- **FLOWTECH™ Model: FM4-GPC** offers a very compact design combined with astatic looks..
- **FLOWTECH™ Model: FM4-GPC** offers a high repeat accuracy with reliable performance.
- **FLOWTECH™ Model: FM4-GPC** offers SPDT type of switching. To suit your application needs.
- **FLOWTECH™ Model: FM4-GPC** offers flapper set of different sizes making it a versatile flow switch.
- **FLOWTECH™ Model: FM4-GPC** offers a unique flow setting mechanism with limit control.
- **FLOWTECH™ Model: FM4-GPC** offers all stainless steel 316L metal bellows for enduring performance and guaranteed operation.
- **FLOWTECH™ Model: FM4-GPC** offers a easy electrical connection system which is quick and fool proof.
- **FLOWTECH™ Model: FM4-GPC** offer a easy access to set point, making it easy to operate & set.
- **FLOWTECH™ Model: FM4-GPC** offers a wired connection via PG cable gland. Making it easy for on site installation.



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FLOWTECH™

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Salient Features

- Very compact design and easy to use.
- High repeat accuracy.
- Stainless Steel 316L bellows for endurance & performance.
- Class leading IP-65 protection.
- Less flapper width for hassle free and perfect installation..
- Easy access to set point adjusting mechanism with limit control.

Technical Specifications.

- SPDT contact rating max. 15A 250 VAC 50 Hz pilot duty.
- Maximum pressure 11 kgf/cm². / Max. temperature 150 deg. C
- Switching accuracy is 2%
- Stainless Steel 316L bellows for endurance & performance.
- 1" BSP (M) process connection standard. (1" NPT connection can be provided on request.)
- Flapper set provided 1 1/2", 2 1/2", 6" made of SS-316.
- Pre-wired connection via PG cable gland. Easy for on site installation.
- M.S. powder coated enclosure to IP - 65 protection class.

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FLOW RANGE TABLE

PIPE SIZE		25 NB	40 NB	50 NB	65 NB	80 NB	100 NB	125 NB	150 NB
MINIMUM ADJUSTMENT (FACTORY SET)	FLOW	15	33	55	72	130	155	172	463
	NO FLOW	11	26	42	63	104	122	162	434
MAXIMUM ADJUSTMENT	FLOW	24	50	74	128	213	337	567	1521
	NO FLOW	20	41	64	108	178	333	561	1507

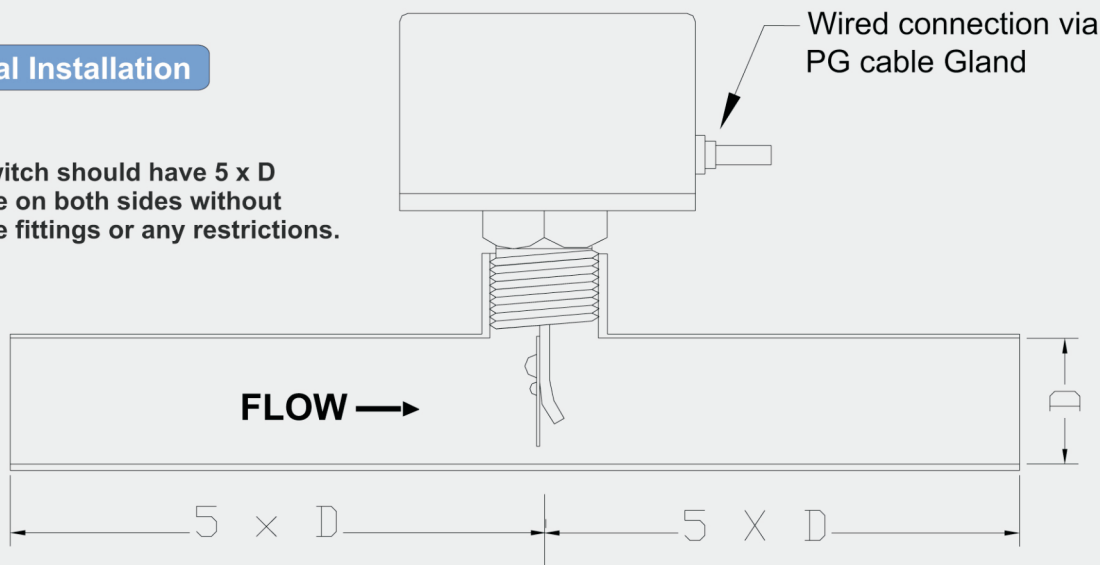
VERTICAL PIPE INSTALLATIONS

Because of space limitations it is sometimes necessary that the only available installation may be in a vertical section of the pipe line. The flow switches in FM4 GPC will generally operate satisfactorily when installed in a vertical pipe with upward flow. For downward flow specially calibrated flow switches are available.

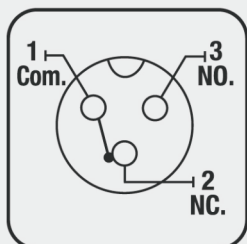
Table shows flow ranges for varies pipelines obtained from experimental data. A variation of up to 10% can be expected depending on operating condition and installation. Fine adjustments can be made on site using a flow meter as a reference. **Above flow figures are for general application we can provide a calibrated flow switch to suit your specific flow parameters.**

Typical Installation

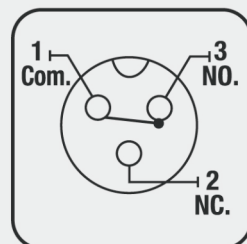
Flow switch should have 5 x D distance on both sides without any pipe fittings or any restrictions.



SPDT Contact Operation



NO FLOW



FLOW

Connection Diagram

Black - Com.
Red - N.O.
Yellow - N.C.

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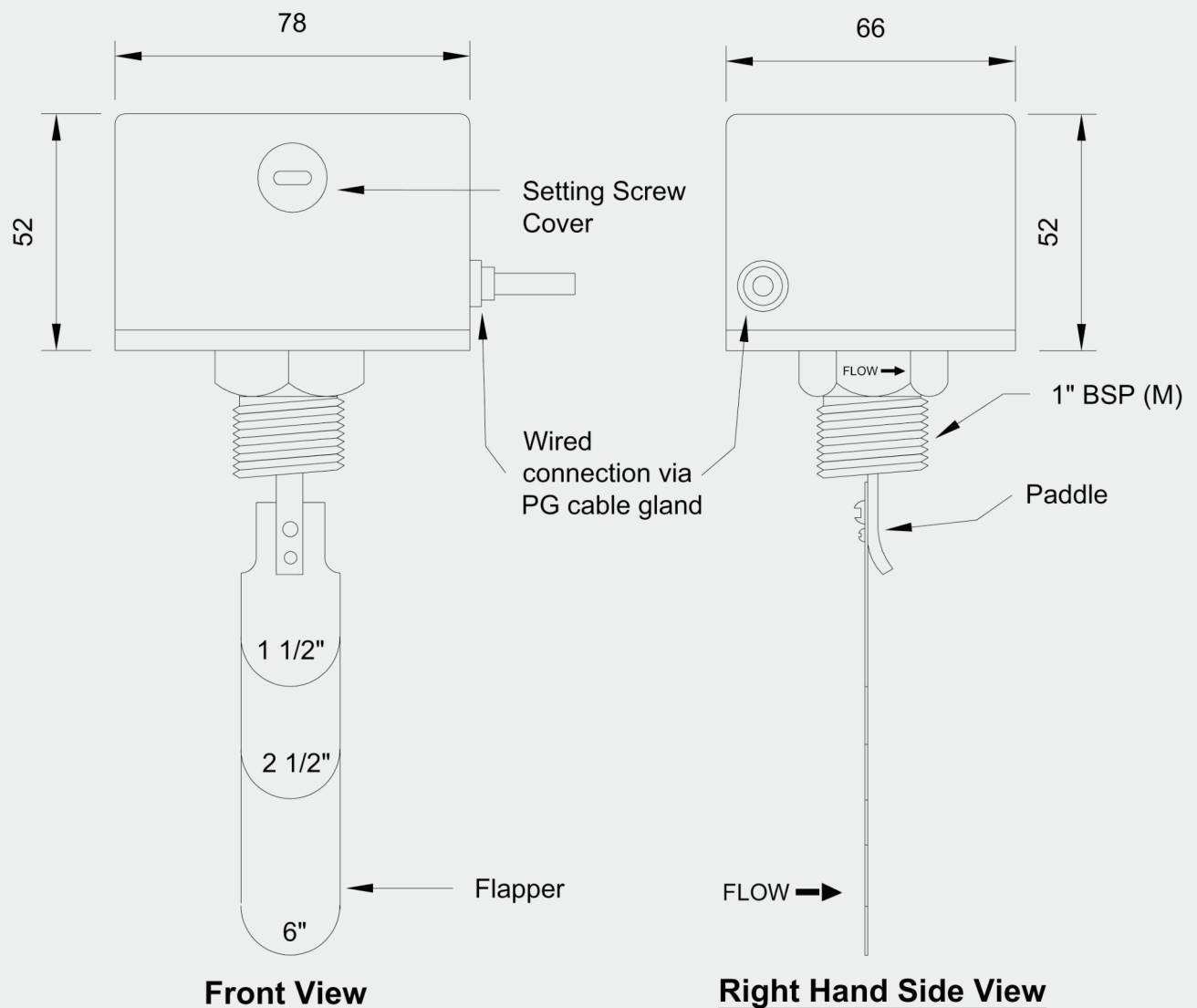
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Overall Dimensions



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