



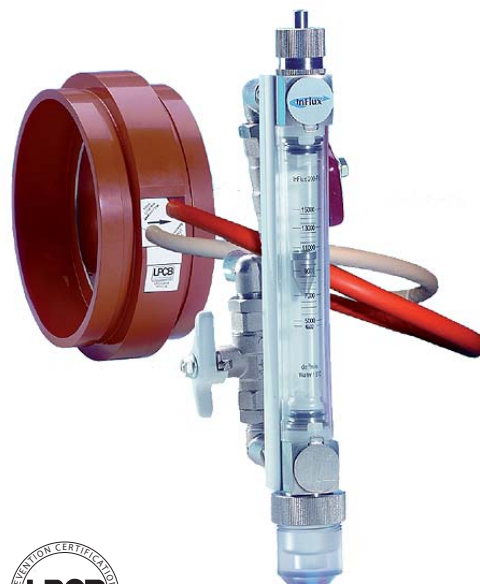
Flowmeter - Remote Coupled

IFM-X

Flow Devices

Technical Features

- **Features:** The IFM-X uses flexible hoses, which allow the flow indicator to be installed, operated and read conveniently at eye level.
A retrofit kit is available to convert existing close-coupled IFM flowmeters into remote coupled IFM-X flowmeters
- **Sizes available :** DN50/2", DN80/3", DN100/4", DN150/6" and DN200/8".
- **Pressure data:**
Safe working pressure: 16 bar (232 psi)
Test pressure: 40 bar (580 psi)
- **Maximum operating temperature:** 90°C (194°F)
- **Connections:**
 - Flange style designed to fit between BS 4504/DIN 2501/ ISO 2084 PN10 and PN16.
 - Grooved joint dimensions are made in accordance with ANSI/AWWA C606 (Ductile iron pipe and steel pipe) and metric pipe specifications.
- **Materials:**
 - Main Orifice Carrier:**
Flange and Groove connections, 316SS orifice in polyester coated steel
 - Indicator Assembly:**
Nickel plated brass valves and components
Borosilicate glass flow tube and viton seals
Polycarbonate filter bowl and stainless steel filter element
 - Indicator Connectors:**
1.7 meter colour coded hydraulic hoses and stainless steel hose clips



- **Accuracy:** +/- 5% of flow reading.
- **Mounting:** Galvanized steel bracket with 6mm fixing holes, compatible with Strut Framing and pipe clip mountings.
Suitable for use in horizontal or vertical installations.

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Physical Data

Nominal Pipe Size		Pipe O.D. (mm / inch)	Flow Range				Connection Type	Dimension "W" (mm) (see over)	Reference	Weight (kg)
Metric	inch		dm³/min		gal/min					
			min	max	min	max				
DN50	2"	60.3 / 2.38	200	850	53	225	Flange	40	SHU046LPC050FX	3.8
							Grooved	90	SHU046LPC050GX	3.9
DN80	3"	88.9 / 3.50	200	1800	53	476	Flange	40	SHU046LPC080FX	4.8
							Grooved	90	SHU046LPC080GX	4.7
DN100	4"	114.3 / 4.50	400	4000	106	1057	Flange	40	SHU046LPC100FX	6.0
							Grooved	90	SHU046LPC100GX	5.5
DN150	6"	165.1 / 6.50	1100	9500	291	2510	Flange	40	SHU046LPC150FX	7.8
							Grooved	90	SHU046LPC150GX	6.8
DN200	8"	219.1 / 8.63	2500	17000	660	4491	Flange	40	SHU046LPC200FX	10.5
							Grooved	100	SHU046LPC200GX	9.2



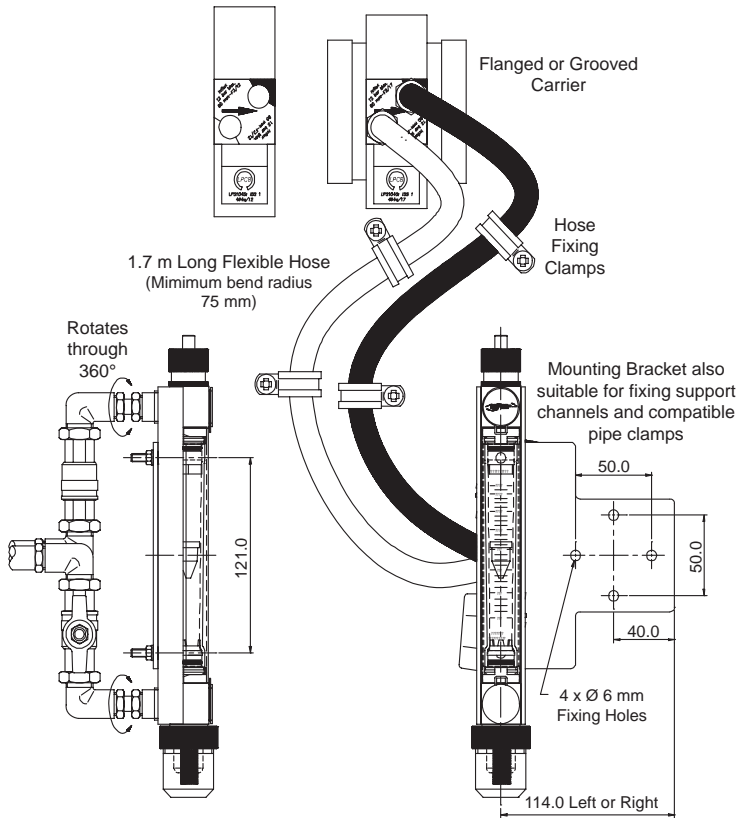
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Mounting Detail



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Typical Pipeline Configuration (Vertical or Horizontal)

