



UK Flowtechnik

Specialists in flow metering, pumps, couplings
and process measurement equipment

PRODUCT DATASHEET

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IF...V Series Flowmeter - Indicator



The IF-V flow indicator/meter uses a variation of the Variable Area principle with a cylindrical float in a cylindrical holder with a 'V' shaped groove. This solution means a spring can be fitted to give a measure of viscosity independence. All clean low viscosity media can be measured such a water, chemicals, coolant, light oil and heavy oil ie just about anything that is <205 cSt and compatible with the materials of construction.

Features & Benefits

- Clear indication of flow rate
- Aluminium, Brass or Stainless Steel body
- Pressures up to 15 bar
- Temperatures up to 100°C (130°C on request)
- Viscosities up to 205 cSt
- Vertical flow (bottom to top)

Technical Data

| | IF1V1 | IF2V3 | IF3V6 | IF4V16 | IF5V60 |
|------------------|----------------------------------------------------------------|-------|-------|--------|--------|
| Flow Range l/min | 0.1-1 | 0.2-3 | 1-6 | 2-16 | 5-60 |
| Connection Size | 1/4" | 1/4" | 1/4" | 1/2" | 1" |
| Body Material | Anodised Aluminium, Nickel plated Brass or 304 Stainless Steel | | | | |
| Seals | NBR (FKM or EPDM on request) | | | | |
| Max Pressure | 15 Bar | | | | |
| Max Temperature | 100°C (130°C on request) | | | | |
| Max Viscosity | 5 ranges of spring to suit viscosities up to 205 cSt | | | | |

Dimensional Data



| | A | B | C | Weight (Kg) |
|--------|-----|----|-----------|-------------|
| IF1V1 | 136 | 40 | 1/4" BSPP | 0.6 |
| IF2V3 | 136 | 40 | 1/4" BSPP | 0.6 |
| IF3V6 | 136 | 40 | 1/4" BSPP | 0.6 |
| IF4V16 | 167 | 40 | 1/2" BSPP | 0.6 |
| IF5V60 | 190 | 50 | 1" BSPP | 1.15 |

Ordering Information

IF1 V I A M6

| Product Identifier | |
|-----------------------------------|-----|
| Visual Flow Indicator 0.1-1 L/Min | IF1 |
| Visual Flow Indicator 0.2-3 L/Min | IF2 |
| Visual Flow Indicator 1-6 L/Min | IF3 |
| Visual Flow Indicator 2-16 L/Min | IF4 |
| Visual Flow Indicator 5-60 L/Min | IF5 |

| Visual Indicator only | |
|-----------------------|---|
| IF*V | V |

| Max Flow Rate | |
|---------------|----|
| 1 L/Min | 1 |
| 3 L/Min | 3 |
| 6 L/Min | 6 |
| 16 L/Min | 16 |
| 60 L/Min | 60 |

| Spring Options | |
|-------------------------------|-----|
| For Viscosities up to 14 cSt | M6 |
| For Viscosities up to 40 cSt | M7 |
| For Viscosities up to 70 cSt | M8 |
| For Viscosities up to 119 cSt | M9 |
| For Viscosities up to 206 cSt | M10 |

| Body Material | |
|---------------------|---|
| Anodised Aluminium | A |
| Nickel Plated Brass | O |
| 304 Stainless Steel | I |