

KYTOLA® Model VExA Variable Area Flow Meter is a sturdy industrial flow meter with heavy-duty impact resistant polymer flow tubes.

This meter is a reliable instrument for measuring and monitoring lubrication oil flows.

OIL FLOW METER VExA



- Sturdy construction
- Multi-tube version, 1 – 7 flow tubes
- Easy to install, clean, and maintain
- Easy to read also with black oils
- Alarm-ready

ISO 9001 ISO 14001

FEATURES

- Flow adjustment valve
- Quick-change tube
- Large selection of flow ranges
- Relative scale 20–100 % or direct reading scale in required flow unit

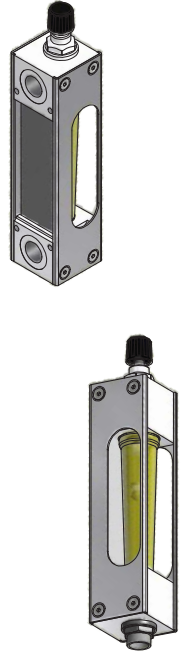
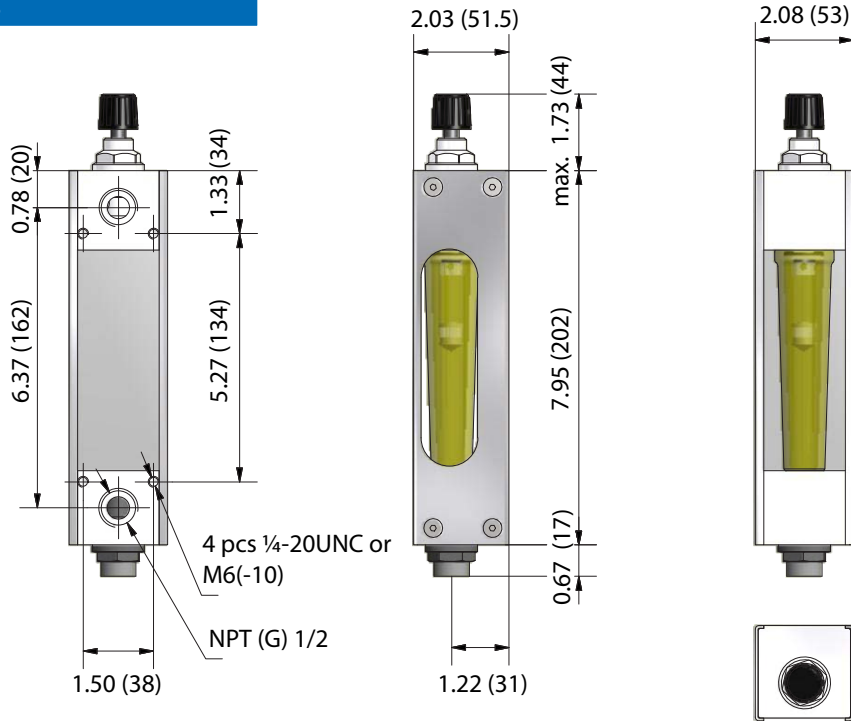
TYPICAL APPLICATIONS

Oil circulation lubrication monitoring in pulp & paper and steel mills

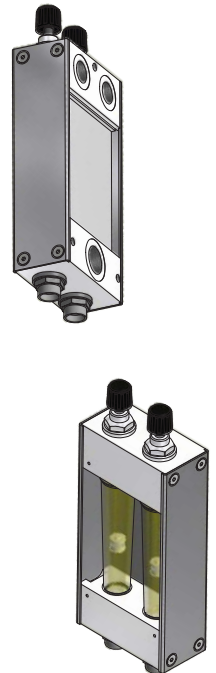
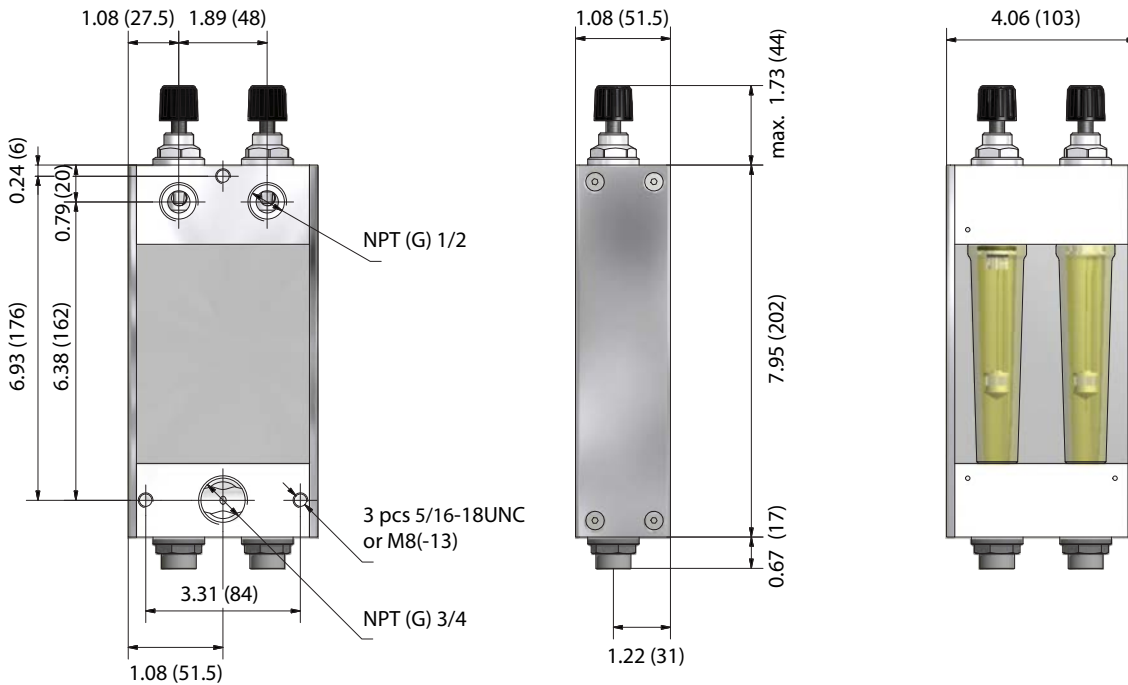
OPTIONS

- Inductive low flow alarm
- Mounting accessories
- Plexiglass front cover

VE



VE2



NOTE: Measurements in the drawings in this datasheet are in inches (and millimeters) if not stated otherwise.

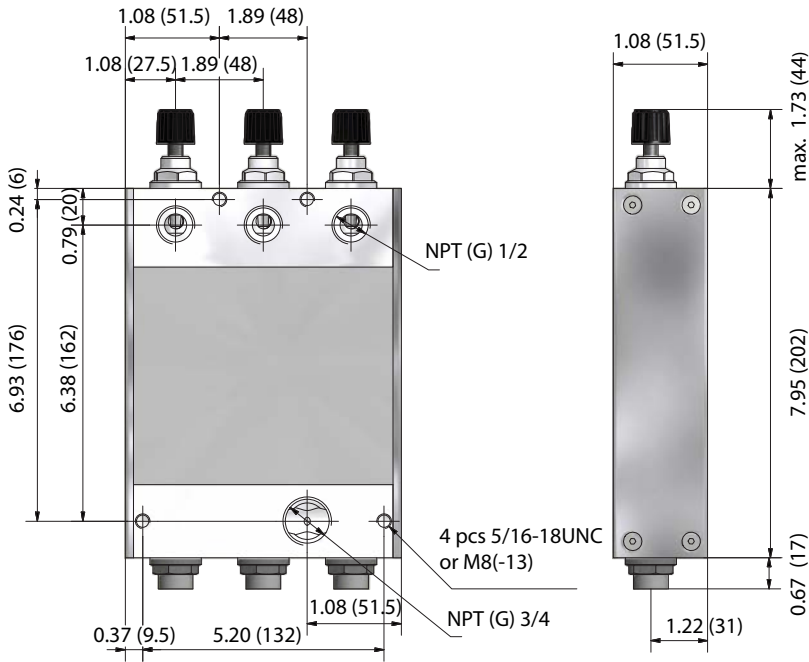
Kytola
INSTRUMENTS

www.kytola.ca



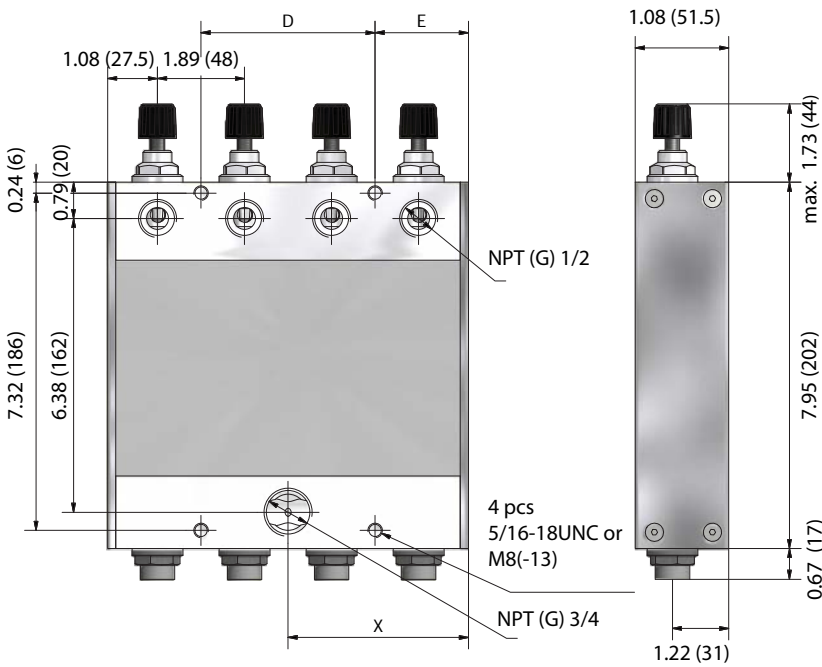
Kytola Instruments Inc.
900 Old Roswell Lakes Parkway, Suite 120
Roswell, GA 30076, USA
Tel: +1 678 701 3569
Fax: +1 514 448 5151
E-mail: flow@kytola.ca

VE3



NOTE: Measurements in the drawings in this datasheet are in inches (and millimeters) if not stated otherwise.

VE4 (...VE7)



| | VE4 | VE5 | VE6 | VE7 |
|----------|-------------|-------------|--------------|--------------|
| L | 7.83 (199) | 9.72 (247) | 11.61 (295) | 13.50 (343) |
| X | 3.92 (99.5) | 3.92 (99.5) | 5.81 (147.5) | 5.81 (147.5) |
| D | 3.78 (96) | 5.67 (144) | 7.56 (192) | 9.45 (240) |
| E | 2.03 (51.5) | 2.03 (51.5) | 2.03 (51.5) | 2.03 (51.5) |

Kytola
INSTRUMENTS

www.kytola.ca



Kytola Instruments Inc.
900 Old Roswell Lakes Parkway, Suite 120
Roswell, GA 30076, USA
Tel: +1 678 701 3569
Fax: +1 514 448 5151
E-mail: flow@kytola.ca

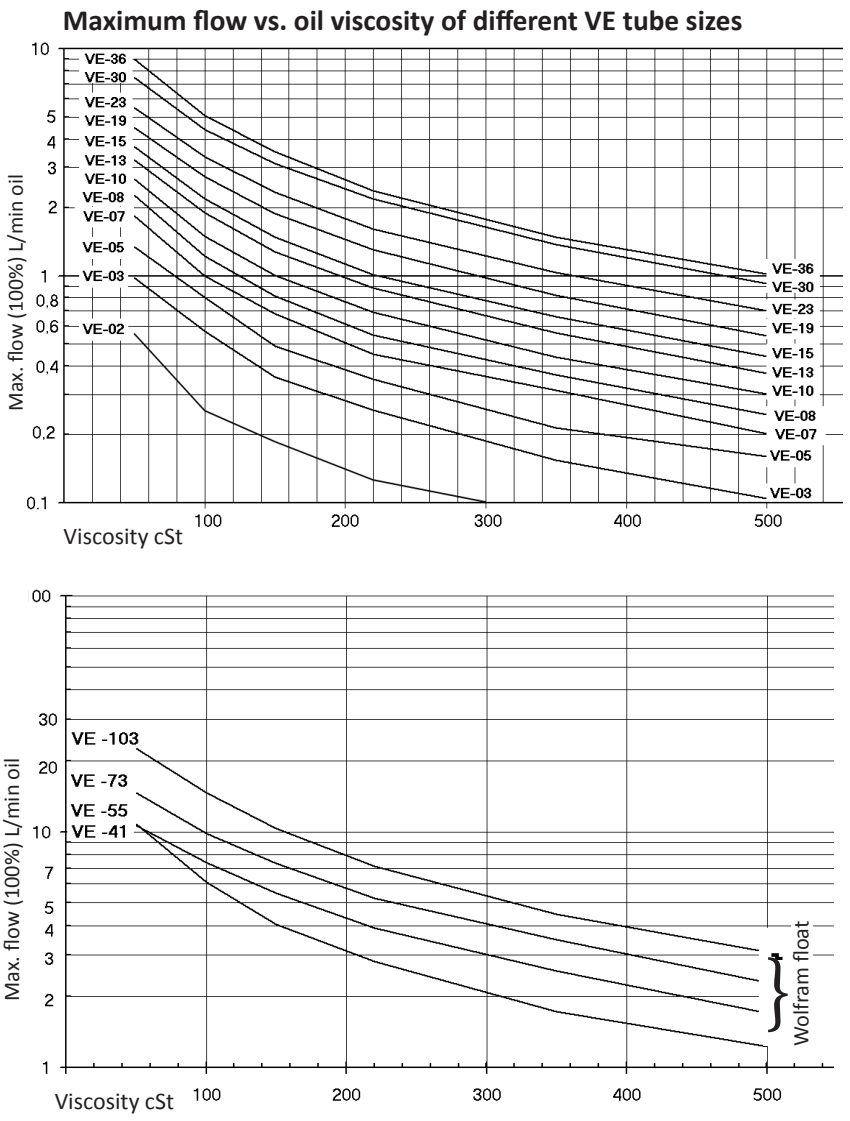
Model VExA

| | |
|---------------------|--|
| Flow range examples | Oil at 150 cSt: smallest range 0.04 – 0.4 PPM (0.02 – 0.2 L/min); max. range 4 – 20 PPM (2 – 10 L/min) Oil at 220 cSt: smallest range 0.04 – 0.3 PPM (0.02 – 0.14 L/min); max. range 2 – 15 PPM (1 – 7 L/min) |
| Number of tubes | 1–7 |
| Max. pressure | 440 psi (30 bar) |
| Max. temperature | 175°F (80°C) |
| End blocks | Aluminium |
| Flow tube | Grilamid (PA-12) |
| Valve | Aluminium / AISI 316 |
| Seals | Viton® |
| Connections | Single tube models: G 1/2" or NPT 1/2" Multi-tube models: Inlet G 3/4" or NPT 3/4", outlets G 1/2" or NPT 1/2" |

VE

-

| Flow Tubes | | |
|---|--------------|--------------|
| Single tube | <i>blank</i> | |
| Number of tubes (2–7) | x | |
| End Block Material | | |
| Aluminium (standard) | | A |
| Scale Maximum Oil Flow, 150 cSt oil (approx.) | | |
| PPM | L/min | |
| 0.4 | 0.2 | 02 |
| 0.6 | 0.3 | 03 |
| 1.1 | 0.5 | 05 |
| 1.5 | 0.7 | 07 |
| 1.7 | 0.8 | 08 |
| 2.1 | 1.0 | 10 |
| 2.7 | 1.3 | 13 |
| 3.2 | 1.5 | 15 |
| 4.0 | 1.9 | 19 |
| 4.9 | 2.3 | 23 |
| 6.3 | 3.0 | 30 |
| 7.6 | 3.6 | 36 |
| 8.7 | 4.1 | 41 |
| 11.6 | 5.5 | 55 |
| 15.4 | 7.3 | 73 |
| 21.8 | 10.3 | 103 |
| Scale | | |
| 20...100% | | <i>blank</i> |
| Factory assigned number | | XXXX |
| Options | | |
| Alarm readiness (standard) | | D |
| NPT connections | | N |



Copyright © Kytola Instruments Oy 2019. Dimensions and measurements are given within normal tolerances. Manufacturer reserves the right to changes without prior notification. File VExA_es12NA_en Published 5/2019.