



LINEGARD™ MICRO IN-LINE GAS FILTERS

Economical safeguard for system components

Overview

The Linegard™ Micro filter is a compact in-line gas filter made of 100 percent SUS316L. It removes 0.2 µm particles to protect sensitive gas components, such as mass flow controllers, regulators and valves from particle damage.

The Linegard Micro filter is an economical safeguard against contamination that may have an adverse effect on critical components.

Features and Benefits

- Available in a variety of fitting types
- Space efficient for easy installation directly into the gas line
- Manufactured in an ISO-certified facility
- Protects critical components from particle damage
- Ideal for high-temperature and pulsing applications

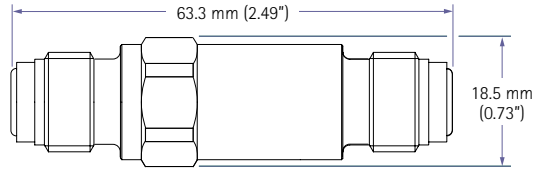


Specifications

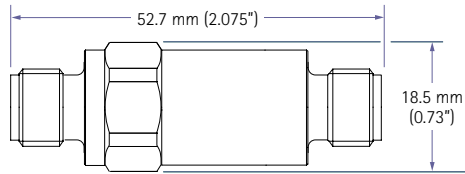
| | | | |
|--------------------------|--|---|----------------|
| Materials: | Filter, housing and end cap | SUS316L | |
| Removal rating: | 0.2 µm | | |
| Surface finish interior: | ≤7 µin Ra (YYUM2 00 MS1 is Ra <3.2 µin) | | |
| Helium leak rating: | 9 × 10 ⁻⁹ atm cc/sec. or less | | |
| Housing design pressure: | 19.61 MPa (196.1 bar, 2800 psi) | | |
| Operating conditions: | Maximum forward differential pressure | 2.99 MPa (29.9 bar, 430 psid) | |
| | Maximum reverse differential pressure | 0.48 MPa (4.8 bar, 69 psid) | |
| | Maximum operating temperature | 100°C (212°F) | |
| Dimensions: | Diameter | 18.5 mm (0.73") | |
| | Length | 1/4" gasket seal | 63.3 mm (2.5") |
| | | 1/4" compression seal (Swagelok® fitting compatible) | 52.7 mm (2.1") |

Dimensions

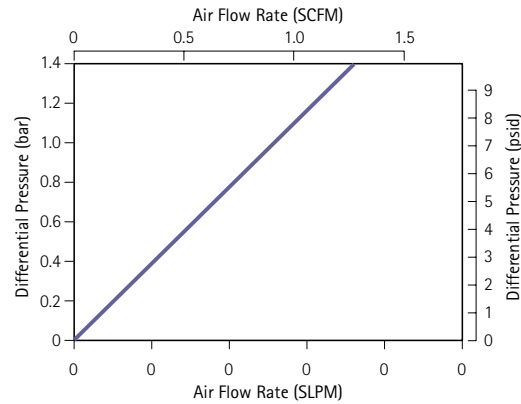
YYM 200 MRU



YYM 200 MS1



Performance Data



Ordering Information

| Part Number | Description |
|-------------|--------------------------------------|
| YYM200 MRU | Linegard Micro 1/4" gasket seal |
| YYM200 MS1 | Linegard Micro 1/4" compression seal |

For More Information

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit www.entegris.com and select the Customer Service link for the center nearest you.

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