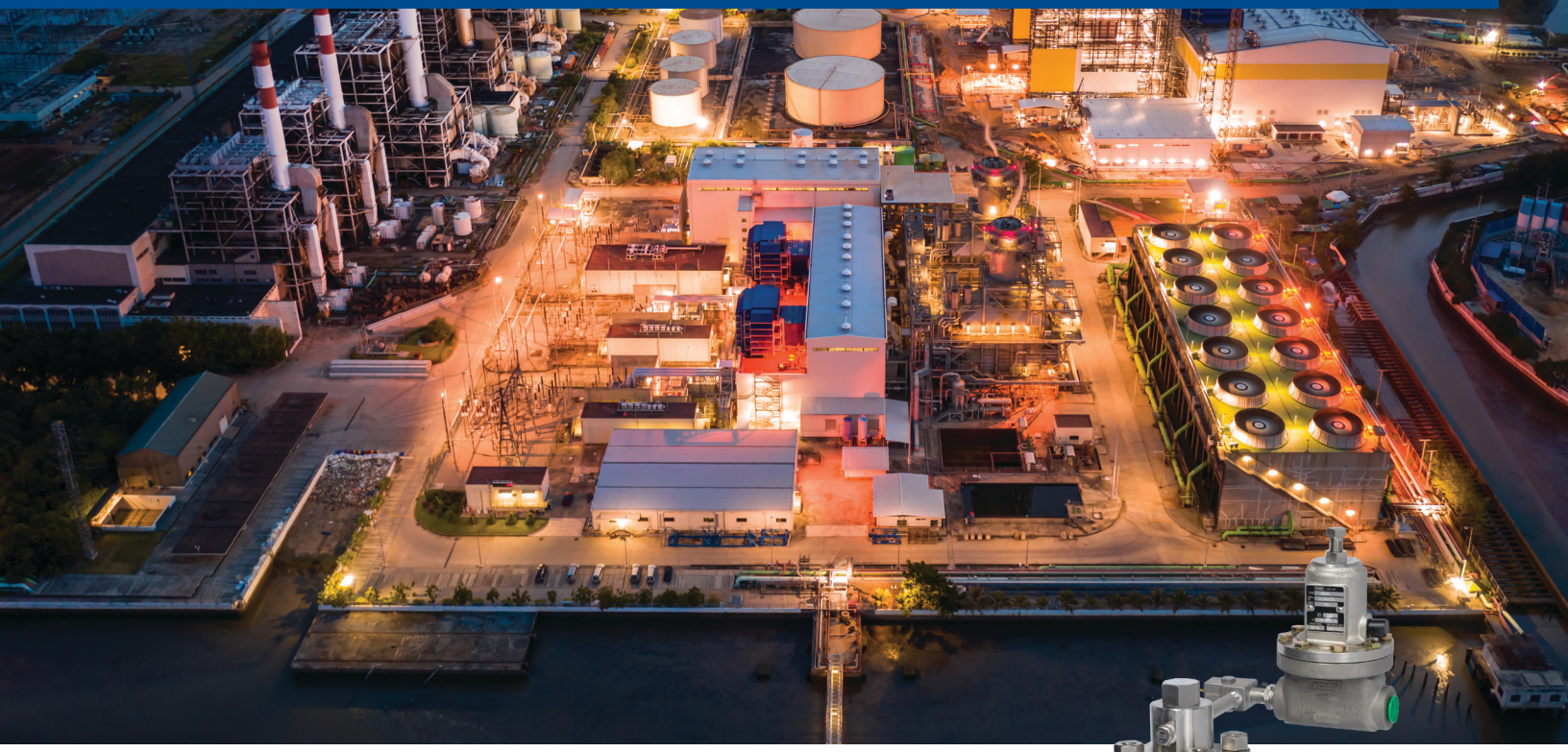
Accurate and reliable liquid backpressure control



FISHER™

Type LR128 liquid backpressure regulator

TYPE LR128

Accuracy and Reliability

The Type LR128 provides accurate backpressure control and fast response for medium to high-flow applications. Its metal plug and engineered flow path deflect debris, protecting the seat from damage and erosion. The Type LR128 handles a range of liquids; from water, to lube oil, to fuel. Customers can expect smooth operation, tight shutoff and long service life.

- Accurate across flow range
- Engineered flow path designed for fluid media
- Compact for space and weight savings

Features

Max Inlet Pressure:
450 psig / 31.0 bar

Outlet Pressure Range:
35 to 375 psig / 2.4 to 25.9 bar

Temperature Capabilities:
-20 to 250°F / -29 to 121°C

Size and Material:
1, 2, 3 and 4 in.; WCC and Stainless steel

End Connections:
NPT, SWE, CL150 RF, CL300 RF, CL600 RF, DIN

EMERSON™

Industrial regulating solutions

Fisher™ pressure reducing and backpressure regulators are available in a wide range of sizes and constructions to satisfy your application requirements.

Backpressure

Type LR128

- **Body Size:** NPS 1, 2, 3 and 4 / DN 25, 50, 80 and 100
- **Control Pressure Range:** 35 to 375 psig / 2.4 to 25.9 bar
- **Maximum Inlet Pressure:** 450 psig / 31.0 bar
- **Operation Method:** Pilot-Operated
- **Body Material:** Steel and Stainless steel
- **Bulletin No.:** 71.4:LR128

Type MR108

- **Body Size:** NPS 1, 2, 3 and 4 / DN 25, 50, 80 and 100
- **Control Pressure Range:** 5 to 300 psig / 0.34 to 20.7 bar(2)
- **Maximum Inlet Pressure:** 400 psig / 27.6 bar(1)
- **Operation Method:** Direct-Operated
- **Body Material:** Cast Iron, Steel and Stainless steel
- **Bulletin No.:** 71.4:MR108

MR98 Series

- **Body Size:** NPS 1/4, 1/2, 3/4, 1, 1-1/2 and 2 / DN 8, 15, 20, 25, 40 and 50
- **Relief Pressure Range:** 2 to 375 psig / 0.14 to 25.9 bar
- **Maximum Inlet Pressure:** 400 psig / 28.0 bar
- **Operation Method:** Direct-Operated
- **Body Material:** Cast Iron, Steel, Stainless steel, Hastelloy® C, Monel® and LCC steel
- **Bulletin No.:** 71.4:MR98

Type 63EG-98HM

- **Body Size:** NPS 2, 3, 4, 6 and 8 x 6 / DN 50, 80, 100, 150 and 200 x 150
- **Relief Pressure Range:** 15 to 375 psig / 1.0 to 25.9 bar
- **Maximum Inlet Pressure:** 450 psig / 31.0 bar
- **Operation Method:** Pilot-Operated
- **Body Material:** Steel , Stainless steel, Hastelloy® C, Monel® and Alloy 20
- **Bulletin No.:** 71.4:63EG-98HM

Pressure Reducing

Type LR125

- **Body Size:** NPS 1, 2, 3 and 4 / DN 25, 50, 80 and 100
- **Outlet Pressure Range:** 15 to 400 psig / 1.0 to 27.6 bar
- **Maximum Inlet Pressure:** 600 psig / 41.4 bar
- **Operation Method:** Pilot-Operated
- **Body Material:** Steel and Stainless steel
- Bulletin No.: **71.2:LR125**

Type MR105

- **Body Size:** NPS 1, 2, 3 and 4 / DN 25, 50, 80 and 100
- **Outlet Pressure Range:** 5 to 300 psig / 0.34 to 20.7 bar(2)
- **Maximum Inlet Pressure:** 400 psig / 27.6 bar
- **Operation Method:** Direct-Operated
- **Body Material:** Cast Iron, Steel and Stainless steel
- **Bulletin No.:** 71.1:MR105

MR95 Series

- **Body Size:** NPS 1/4, 1/2, 3/4, 1, 1-1/2 and 2 / DN 8, 15, 20, 25, 40 and 50
- **Outlet Pressure Range:** 2 to 400 psig / 0.14 to 27.6 bar
- **Maximum Inlet Pressure:** 1000 psig / 68.9 bar
- **Operation Method:** Direct-Operated
- **Body Material:** Cast Iron, Steel, Stainless steel, Hastelloy® C, Monel® and LCC steel
- **Bulletin No.:** 71.1:MR95

Type 1098-EGR

- **Body Size:** NPS 1, 2, 3, 4, 6, 8 x 6 and 12 x 6 / DN 25, 50, 80,100, 150, 200 x 150 and 300 x 150
- **Outlet Pressure Range:** 14 in. w.c. to 300 psig / 35 mbar to 20.7 bar
- **Maximum Inlet Pressure:** 400 psig / 27.6 bar
- **Operation Method:** Pilot-Operated
- **Body Material:** Cast Iron, Steel and Stainless steel
- **Bulletin No.:** 71.1:1098-EGR

1. For high-pressure actuator constructions with Fluorocarbon (FKM) diaphragm, maximum outlet and emergency casing pressures are limited to 230 psig / 15.8 bar or the body rating limit, whichever is lower.
2. For high-pressure actuator constructions with Fluorocarbon (FKM) diaphragm, maximum set pressure is limited to 150 psig / 10.3 bar.

Hastelloy® C is a mark owned by Haynes International, Inc.
Monel® is a mark owned by Special Metals Corporation

Emerson Automation Solutions

Americas
T +1 800 558 5853
T +1 972 548 3574

Europe
T +39 051 419 0611

Asia Pacific
T +65 6777 8211

Middle East / Africa
T +971 4811 8100

webadmin.regulators@emerson.com
Fisher.com
Facebook.com/EmersonAutomationSolutions
LinkedIn.com/company/emerson-automation-solutions
Twitter.com/emr_automation

EMERSON™