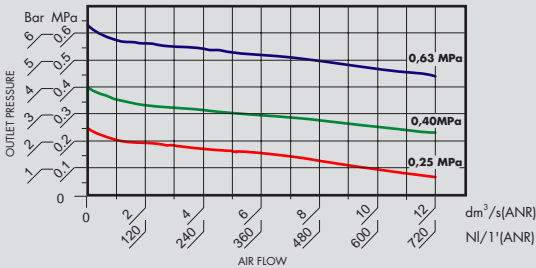
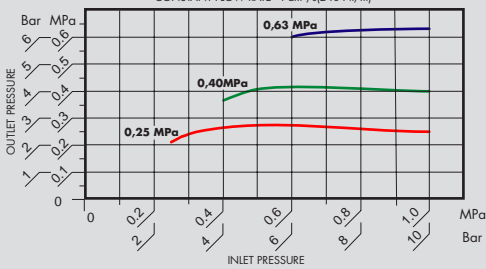


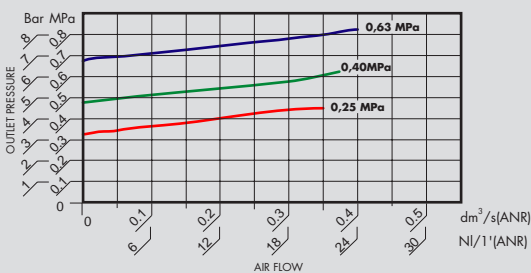
FLOW CHARTS
INLET PRESSURE = 1 MPa (10 Bar)



REGULATION FEATURES
CONSTANT FLOW RATE = 4 dm³/s (240 NI/m)



RELIEVING PERFORMANCES



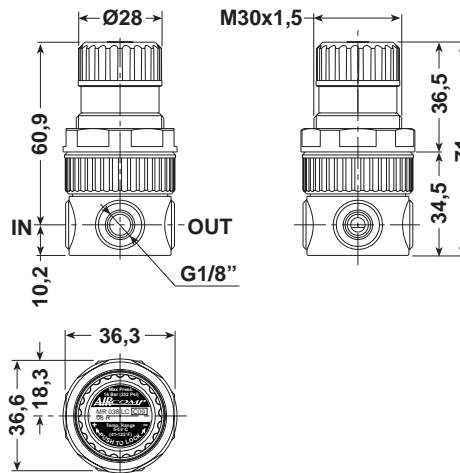
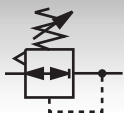
Microregulator

Suitable for many industrial uses.

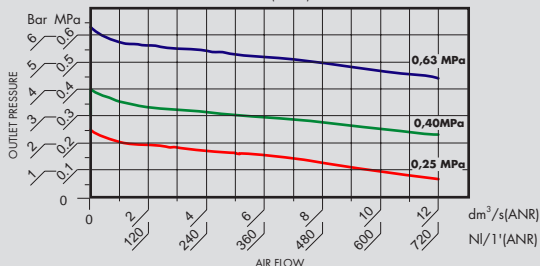
- * Diaphragm operation.
- * Complete with ring nut for panel assembly.
- * Can be wall mounted on a bracket.
- * Lockable safety knob.
- * Can be used in air (with relieving and red knob) and water (without relieving and with black knob).
- * Pressure ranges:
0±2 Bar, 0±4 Bar, 0±8 Bar (standard), 0±12,5 Bar
0±0,2 MPa, 0±0,4 MPa, 0±0,8 MPa (standard), 0±1,25 MPa
- * Maximum inlet pressure: 16 Bar (1,60 MPa).
- * Temperature range: 5±50°C (41±122°F).
- * Max. torque inserts G1/8" IN-OUT: 20 N·m.
- * Max. torque inserts G1/4" IN-OUT: 25 N·m.
- * Reference flow rate (P=6,3 Bar - Δp=1 Bar): 360 NI/min.
- * Weight: 0,095 Kg.

038 1/8"

Microregulator LC



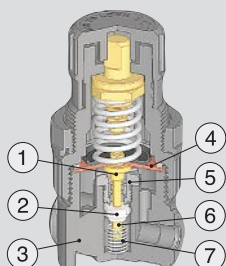
FLOW CHARTS
INLET PRESSURE = 1 MPa(10 Bar)



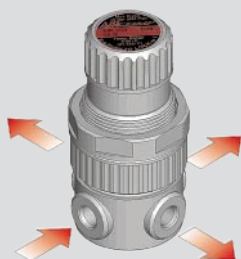
Technical Features

COMPONENTS

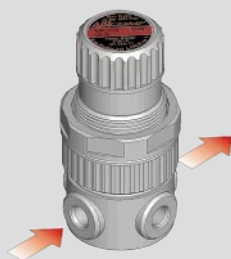
- 1- Diaphragm pin: INOX
- 2- Body valve: PUR
- 3- Regulator body: POM
- 4- Diaphragm: EPDM
- 5- Nozzle: POM
- 6- Valve rod: INOX
- 7- Spring return valve: INOX



4 WAY BODY
(With 2 gauge ports)



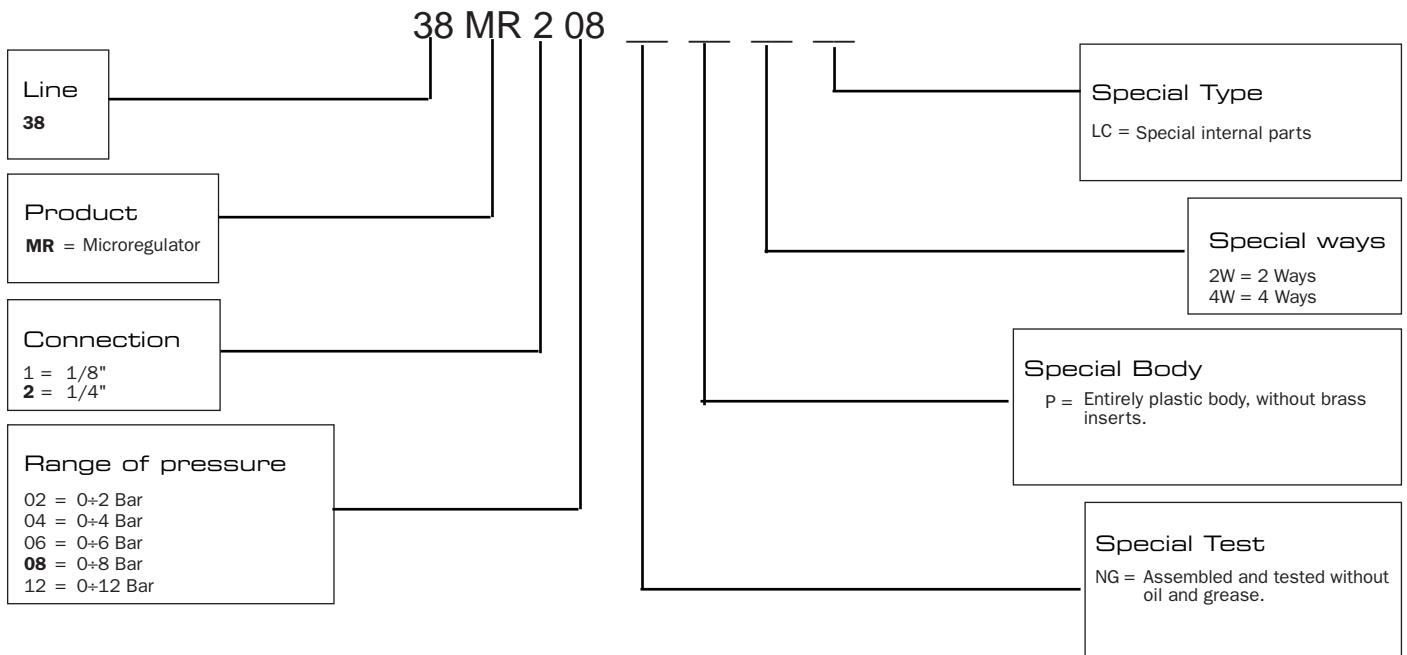
2 WAY BODY
(Without gauge ports)



Microregulator LC

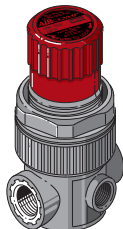
- Special type, particularly resistant to chemical agents.
- * Body completely made in "POM" with 2 or 4 ways G1/8".
- * Connections obtained directly on the body (without inserts).
- * Components in touch with fluid made in: EPDM, INOX, PUR, POM.
- * Assembly and test made without oil and grease.
- * Pressure ranges:
0÷2 Bar, 0÷4 Bar, 0÷8 Bar (standard), 0÷12,5 Bar
0÷0,2 MPa, 0÷0,4 MPa, 0÷0,8 MPa (standard), 0÷1,25 MPa
- * Reference flow rate (P=6,3 Bar - Δp=1 Bar): 360 NI/min.
- * Weight: 0,078 Kg.

Guide to references



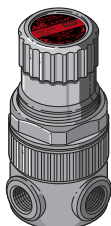
For Non-relieving regulators (i.e. for water) please call - 02 9679 8844

Microregulator "MR 038"



| CODE | | |
|--------------|------|------------------------------------|
| 38 MR 1 02 | 1/8" | Max 16 bar inlet, 0-2 Bar range |
| 38 MR 1 04 | 1/8" | Max 16 bar inlet, 0-4 Bar range |
| → 38 MR 1 08 | 1/8" | Max 16 bar inlet, 0-8 Bar range |
| 38 MR 1 12 | 1/8" | Max 16 bar inlet, 0-12.5 Bar range |
| 38 MR 2 02 | 1/4" | Max 16 bar inlet, 0-2 Bar range |
| 38 MR 2 04 | 1/4" | Max 16 bar inlet, 0-4 Bar range |
| → 38 MR 2 08 | 1/4" | Max 16 bar inlet, 0-8 Bar range |
| 38 MR 2 12 | 1/4" | Max 16 bar inlet, 0-12.5 Bar range |

Special Microregulator "LC"



2 Ways

| CODE | | |
|-----------------------|--|--|
| 38 MR 1 02 NG 2W P LC | | |
| 38 MR 1 04 NG 2W P LC | | |
| 38 MR 1 08 NG 2W P LC | | |
| 38 MR 1 12 NG 2W P LC | | |

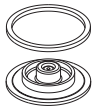
4 Ways

| CODE | | |
|-----------------------|--|--|
| 38 MR 1 02 NG 4W P LC | | |
| 38 MR 1 04 NG 4W P LC | | |
| 38 MR 1 08 NG 4W P LC | | |
| 38 MR 1 12 NG 4W P LC | | |

→ Standard version

Spare parts

Diaphragm complete



| CODE | LINE | VERSION |
|--------------|--------|---------------|
| C38.00.00073 | 038 | RELIEVING |
| C38.00.00074 | 038 | NON RELIEVING |
| C38.00.00087 | 038 LC | NON RELIEVING |

Regulation spring



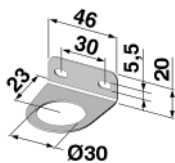
| CODE | LINE | SET REGULATION |
|--------------|------|----------------|
| A38.00.00039 | 038 | 0÷2 Bar |
| A38.00.00040 | 038 | 0÷4 Bar |
| A38.00.00020 | 038 | 0÷8 Bar |
| A38.00.00021 | 038 | 0÷12 Bar |

Gauge



| CODE | Bar | Psi | A | B | CH. |
|--------------|------|-------|----|-------|-----|
| A38.00.00026 | 0÷12 | 0÷175 | 40 | G1/8" | 14 |
| A38.00.00055 | 0÷6 | 0÷85 | 40 | G1/8" | 12 |

Bracket



| CODE |
|--------------|
| C38.00.00069 |

Plug G1/8"



| CODE | LINE |
|--------------|-----------|
| B38.00.00018 | 038 - 039 |