

Automatic differential pressure regulator (Differential Pressure Control Valve (DPCV)) with adjustable differential pressure for heating and cooling systems. Shut-off without making changes to the pre-adjusted settings. Differential pressure can be adjusted using pre-adjustment. Mounting in the return line, without stabilising sections. Including 1.5 m capillary tube with 1/2" to the flow line. Housing, base, cone, mechanical parts: dezincification resistant brass CW602N, stainless steel spring, seal and diaphragm EPDM, shut-off PPS.

Technical Specifications

- Operating temperature: -20 °C to 120 °C (short periods 135 °C).
- Pressure rating: PN 25.
- Nominal width: DN 15 - DN 32.



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|----------------------------------|--|
| Description | Passim F DN 15 |
| Order Code | MN80597.560 |
| GTIN | 04016715065353 |
| Model | <u>NexusValve Passim - without fill and drain ball valve</u> |
| Nominal width [DN] | 15 |
| Connection | G 1/2" F |
| Max. differential pressure [bar] | 2.5 |
| Kvs [m ³ /h] | 1.6 |
| Flow- range [kPa] | 5 - 25 |





Classification General Data

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|---------------------|--------------------------------|
| Etim Group | Measuring and control devices |
| Etim Class | Pressure difference controller |
| Product Name | |
| Brand | FLAMCO |
| Product Type | Dif. Pres. cntrl vlvs (DPCV) |
| Order Code | MN80597.560 |
| GTIN | 04016715065353 |

Attributes

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|---|--|
| Housing material | Brass |
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| Material quality | Dezincification resistant brass (DZR) |
| Connection 1 | Internal thread cylindrical BSPT-Rp (ISO 7-1 / EN 10226-1) |
| Connection 2 | Internal thread cylindrical BSPT-Rp (ISO 7-1 / EN 10226-1) |
| With coupling connection 1 | No |
| Article compression class | PN 25 |
| Flange compression class | PN 25 |
| With coupling connection 2 | No |
| Surface protection | Other |
| Membrane-controlled | Yes |
| Max. pressure difference at 20 °C | 250 Kilo Pascal |
| Max. operation pressure | 25 Bar |
| Max. operating pressure | 25 Bar |
| Adjustable pressure difference | Yes |
| Adjustment range | 5 - 25 kPa |
| Max. medium temperature (continuous) | 120 Degrees celsius |
| Min. medium temperature (continuous) | -20 Degrees celsius |
| Medium temperature (continuous) | -20 - 120 °C |
| With volume supply limiter | No |
| Operation | Other |
| Position indicator | No |
| Measuring connection | None |
| Lockable | Yes |
| With drain valve | No |
| With impulse pipe | No |
| Kvs value | 1.6 |
| Height | 101 Millimetre |
| Spindle angle | 90 Degrees |
| Spindle angle | 90 Degrees |
| With insulation | Yes |