

LevelDatic NRV

Non-Return Valve



The LevelDatic NRV, Non-Return Valve can be fitted to the measuring lines to avoid backflow from tanks due to mounting position of the cabinet, or if the instrument air is lost. The non-return valve prevents liquid from the tank to enter the measuring lines.

The Non-Return valves are available as flanged or threaded configuration and have body materials in either stainless steel or aluminium.

Technical Specification

| NRV | |
|-------------------------------|---|
| Mechanical Specification | |
| Body Material | External Thread: ANSI 316 or Aluminum Internal Thread: ANSI 316 or Aluminum Flange: ANSI 316L |
| Tank connection ¹⁾ | External Thread: BSP 3/4 (Male) Internal Thread: BSP 3/4 (Female) Flange: DN40, PN10 (DIN 2501) JIS 5K-25A (JIS B 2238) JIS 10K-80A (JIS B 2238) Other connections on request |
| Pipe Connection | BSP 1/4 |
| Float material | Polypropylene |
| Seal material | Viton |
| Dimension | External Thread: Ø58 x 145 mm Internal Thread: Ø58 x 120 mm Flange: Ø58 x 110 mm + flange |
| Environment Specification | |
| Overpressure | 10 bar |
| Operating temperature | - 25...+ 100 °C |
| Storage temperature | - 25...+ 100 °C |

¹⁾ Model code: NRV - Material - Type E.g. NRV-S-O
Material: S - Stainless steel, A - Aluminum
Type: I - Internal thread, O - External thread, F - Flange, F90 - Flange with 90° bend

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Emerson Automation Solutions

Rosemount Tank Radar AB
Box 150
SE-435 23 Mölnlycke
T +46 31 337 00 00
F +46 31 25 30 22

www.Emerson.com/marine

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