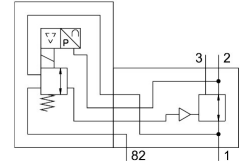


# Electric pressure regulator PREL-90-HP3-A4-A-40CFX-S2-3

Part number: 1709133

**FESTO**



## Data sheet

| Feature                          | Value                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------|
| Size                             | 90                                                                                          |
| Nominal width DN                 | 24                                                                                          |
| Series                           | L                                                                                           |
| Mounting position                | Vertical                                                                                    |
| Actuation type                   | Electrical                                                                                  |
| Structural design                | Electrically adjustable pressure regulator                                                  |
| Controller function              | Constant output pressure<br>With primary pressure compensation<br>With secondary exhausting |
| Operating pressure               | 0 MPa...5 MPa<br>0 bar...50 bar                                                             |
| Pressure regulation range        | 0.6 bar...40 bar                                                                            |
| Nominal operating voltage DC     | 24 V                                                                                        |
| Analog output signal range       | 4 - 20 mA                                                                                   |
| Analog input signal range        | 0 - 10 V                                                                                    |
| Setpoint/actual values           | Current type 4–20 mA                                                                        |
| Certification                    | Special Equipment Type Test Certification                                                   |
| Operating medium                 | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gases                                |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress                                                               |
| LABS (PWIS) conformity           | VDMA24364 Zone III                                                                          |
| Storage temperature              | -10 °C...60 °C                                                                              |
| For use in the food industry     | See supplementary material information                                                      |
| Temperature of medium            | 5 °C...50 °C                                                                                |
| Ambient temperature              | 5 °C...50 °C                                                                                |
| Product weight                   | 6100 g                                                                                      |
| Electrical connection IN         | Plug, M12, 5-pin, A-coded                                                                   |
| Electrical connection OUT        | Plug, M12, 5-pin, A-coded                                                                   |
| Type of mounting                 | Alternatively:<br>On service unit<br>With accessories                                       |
| Pneumatic connection 1           | G1                                                                                          |
| Pneumatic connection 11          | G1/4                                                                                        |

| Feature                 | Value             |
|-------------------------|-------------------|
| Pneumatic connection 2  | G1                |
| Pneumatic connection 22 | G1/4              |
| Pneumatic connection 3  | G1                |
| Pneumatic connection 82 | G3/8              |
| Note on materials       | RoHS compliant    |
| Lower cover material    | Anodized aluminum |
| Material of spring      | Spring steel      |
| Housing material        | Anodized aluminum |