

Reliable Unit for Fail-in-place

Type 3709 Pneumatic Lock-up Valve to shut off the signal pressure line of pneumatic actuators



- Various attachment options: hook-up as required, direct attachment to positioners, attachment to rotary actuators acc. to VDI/VDE 3845, sandwich design
- Versions for high air capacities with flow coefficients up to $K_{VS} 4.3$
- All versions optionally with aluminum or stainless steel body
- Easy adjustment of the switching point by turning a screw



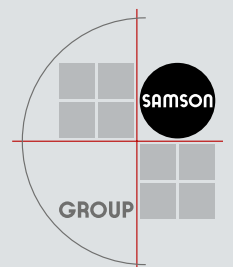
Type 3709-1: Direct attachment to the positioner



Type 3709-2: Connections hooked-up as required



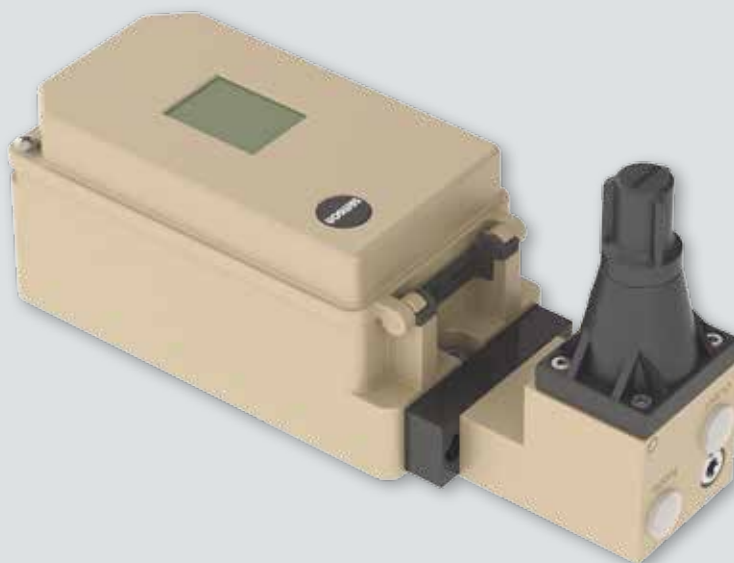
Types 3709-4 to -8: Versions with booster and attachment according to VDI/VDE 3845



Technical data

| Type 3709 | | -1 | -2 | -4 | -5 | -6* | -7 | -8* |
|---|---------|----------------------------------|-----------------------------------|---------------|--|-------|---------------------------------|-------|
| Attachment | | Direct attachment to positioners | Connections hooked-up as required | | Attachment according to VDI/VDE 3845 | | | |
| | | | | | Input hooked-up as required | | Solenoid valve (sandwich style) | |
| Supply air | Max. | 12 bar | 12 bar | 6 bar | 6 bar | 6 bar | 6 bar | 6 bar |
| Signal pressure | Max. | 6 bar | 6 bar | 6 bar | 6 bar | 6 bar | 6 bar | 6 bar |
| K _{VS} coefficient | Approx. | 0.2 | 0.2 | 4.3 | 2.0 | 4.3 | 2.0 | 4.3 |
| Set point range (continuously adjustable) | | 0.5 to 6 bar | | 1.5 to 6 bar | | | | |
| Permissible ambient temperature range | | -25 to +80 °C | | -40 to +80 °C | | | | |
| Connections | | G/NPT connecting thread | | | G/NPT connecting thread, NAMUR interface | | | |

* On request



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