

Pressure Control Valves

Pressure Reducing Valves DM 462V

Your advantages at a glance



Connection	DN 25
Nominal Pressure	PN 2,5 - 16
Inlet Pressure	up to 8 bar
Outlet Pressure	0,8 - 5 bar
K _{V5} Value	4 m ³ /h
Temperature	180°C
Medium	liquids, gases and steam

Valve for Hygiene Applications | Ultrapure Media

for medium flow rates | of straight or angled design, also available combined with three connecting pieces | suitable for liquids, gases, steam | completely made of CrNiMo steel with deep-drawn elements | virtually pocket-free, can be electro-polished, is corrosion resistant, lightweight and compact | requires no external energy, compressed gas control possible | extended cleaning intervals for CIP/SIP cleaning procedures, less energy expenditure owing to thin wall thickness | easy-to-maintain

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compact, pressure-resistant, corrosion-resistant by deep drawn 316 Stainless steel

long operational lifespan, easy installation, minimum space required, possibly low content of delta-ferrite

minimal mass

little heat loss for CIP/SIP applications

Spindle may be lifted owing to compressed gas interference in the spring chamber

automatable cleaning cycles (media change)

spindle guide outside the medium chamber

no inside mechanical drive of the stem, more attenuation for clogged processes

Mankenberg clamp system fast service

straight-way valve with two connections, can be converted to angled design with three connections

maximum flexibility

non increasing set screw

unchanged installation height, function visible externally

sealed bonnet with leakage line connection (option)

compliant with UVV, suitable for inflammable and dangerous media

elastomer diaphragm pressure regulating valve

no piston guide, no abrasion of piston rings, better regulating accuracy than for diaphragms made of metal or Gylon

internal surface roughness up to Ra ≤ 0,25 µm

various connection alternatives: TriClamp®, milk pipe thread Aseptic-, DIN- or ANSI flanges welded ends

no adapters or fitting pieces required

