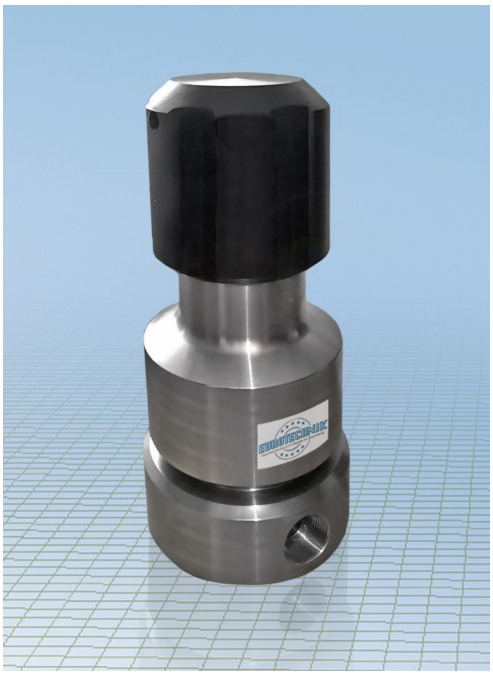
PRODUCT - OVERVIEW

Topic: **X-tended Range material pressure regulator PX**
Product: **Mechanical operated material pressure regulator** Kopperschmidt PX125-VM, PX250-VM
Kopperschmidt PX125-RM, PX250-RM

PX125-250VM-RM_PÜ_E Stand 01/2021 Changes are possible without notice

Quality Products
MADE IN GERMANY
by your famous brand
KOPPERSCHMIDT SPRITZTECHNIK



Technical data

Working range **PX125-VM/RM**:	15-150 bar
Working range **PX250-VM/RM**:	20-270 bar
Input pressure **PX125-VM**:	max. 250 bar
Input pressure **PX250-VM**:	max. 360 bar
Input pressure **PX125-RM**:	max. 150 bar
Input pressure **PX250-RM**:	max. 270 bar
Flow rate **VM**:	14,8 l/min at free flow outlet
Flow rate **RM**:	23,4 l/min at free flow outlet
Temperature range:	0 to +70°C
Material in- and outlet:	G3/8“ i
Pressure gauge + rising pipe connector:	G1/4“ o

- **Finely adjustable material pressure regulator with extended control range and small control hysteresis**
- **Valve ball and seat are made of tungsten carbide, optionally also with ceramic ball**
- **Material contact parts made of stainless steel and UHMWPE**

The advantages at a glance

- Mechanical operated material pressure regulator for forward pressure regulation (VM) or back pressure regulation (RM), material contact parts made of stainless steel enable versatile applications with water and solvent based material like paints, oils alcohols, dispersions, and many other liquids with even aggressive, corrosive or abrasive characteristics.
- X-tended Range - regulates the material pressure of liquids of a broad viscosity spectrum with low control hysteresis and in an extended control range from an output pressure of 15 bar up to a maximum of 270 bar.
- Material contact parts are made of stainless steel AISI 304/1.4305 and sealing materials made of PTFE and UHMWPE.
- Valve ball and seat are made of tungsten carbide this allows a long term use, alternatively for VM regulator also possible with ceramic ball.
- Space-saving, compact design with or without a pressure gauge.

Please note!

Before applying extremely high viscosity, agressive, corrosive or abrasive material, we suggest to check materials for compatibility or contact Kopperschmidt Spritztechnik.

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