

# PRODUCT - OVERVIEW

**Topic:** Material pressure regulator  
**Product:** Mechanical operated material pressure regulator Kopperschmidt P50-VM, P50-RM

P50VM-RM\_PÜ\_E

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**Quality Products**  
 **MADE IN GERMANY**  
— by your famous brand —  
**K** SPRITZTECHNIK **T**  
**KOPPERSCHMIDT**

## Technical data



Working range <b>P50-VM:</b>	10 to 50 bar
Adjustment range <b>P50-RM:</b>	5 to 50 bar
Input pressure <b>P50-VM:</b>	max. 70bar
Input pressure <b>P50-RM:</b>	max. 50 bar
Flow rate <b>VM:</b>	7,0 l/min at 30 bar regulator setting
Flow rate <b>RM:</b>	22,0 l/min at 30 bar regulator setting viscosity 45mm <sup>2</sup> /s, nozzle size 2,6 mm
Temperature range:	0 to +70 °C
Viscosity range:	30 to 1.500 mm <sup>2</sup> /s
Material in- and outlet:	G3/8" i
Pressure gauge + rising pipe connector:	G1/8" i

- **Fine adjustable material back pressure regulator**
- **Valve ball and seat made of TC**
- **Material contact parts made of stainless steel**
- **PTFE coated diaphragm**

## The advantages at a glance

- Mechanical operated material pressure regulator with 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.
- Regulates the material pressure of liquids within a wide range of viscosity.
- Material contact parts are made of stainless steel 1.4305/AISI 304
- Valve ball and seat are made of tungsten carbide which allows a long term usage
- Compact dimensions with 3/8" material in- and outlet.

## Please note!

Before applying extremely high viscosity, aggressive, corrosive or abrasive material, we suggest to check materials for compatibility or contact L.R. Eurotechnik KG.