

# PRODUCT - OVERVIEW

**Topic:** Material Pressure Regulator  
**Product:** Mechanical operated material pressure regulator  
Kopperschmidt P100-VM, P200-VM, P270-VM  
Kopperschmidt P100-RM, P200-RM, P270-RM

P100-P200-P270VM-RM\_PÜ\_E

Stand: 03/2025

all rights reserved

**Quality Products**



by your famous brand

**K** SPRITZTECHNIK **T**  
**KOPPERSCHMIDT**



## Technical data

Working range <b>P100-VM/RM:</b>	40-100 bar
Working range <b>P200-VM/RM:</b>	90-200 bar
Working range <b>P270-VM/RM:</b>	90-270 bar
Input pressure <b>P100-VM:</b>	max. 180 bar
Input pressure <b>P200-VM:</b>	max. 360 bar
Input pressure <b>P270-VM:</b>	max. 360 bar
Input pressure <b>P100-RM:</b>	max. 170 bar
Input pressure <b>P200-RM:</b>	max. 235 bar
Input pressure <b>P270-RM:</b>	max. 270 bar
Flow rate <b>VM:</b>	14,8 l/min at free flow outlet
Flow rate <b>RM:</b>	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

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

## 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 Kopperschmidt Spritztechnik.