

Precision regulators

■ HZRP10



Adjusting range
 HZRP1008GA 0,1 ÷ 3 bar
 HZRP1008GB 0,1 ÷ 4 bar
 HZRP1008GC 0,1 ÷ 8 bar

HZRP12: version with oversized exhaust

■ HZRP20



Adjusting range
 HZRP2008GA 0 ÷ 0,1 bar
 HZRP2008GB 0 ÷ 1 bar
 HZRP2008GC 0 ÷ 2 bar
 HZRP2008GD 0 ÷ 4 bar
 HZRP2008GE 0 ÷ 10 bar

Part No.	HZRP10	HZRP20
Fluid	filtered compressed air, not lubricated	
Connections	G1/4	
Max pressure	10 bar	17 bar
Ambient temperature	-17 ÷ +55 °C	-40 ÷ +70 °C
Nominal flow rate	420 NI/min ^(B)	1600 NI/min ^(B)
Consumption	3 NI/min	30 ÷ 375 NI/min (based on outlet pressure)
Exhaust capacity	HZRP10 = 90 NI/min HZRP12 = 330 NI/min	
Pressure variation	less than 0,4 mbar ^(A)	
Sensitivity	0,3 mbar	-
Body	zamak	die-cast aluminium
Diaphragms	NBR	NBR
Capsule and adjusting screw	stainless steel	stainless steel, brass
Knob	technopolymer	technopolymer

(A) = HZRP10 With supply pressure variation 2 bar
 (A) = HZRP20 With supply pressure variation 7 bar
 (B) = HZRP10 Inlet pressure 7 bar, outlet pressure 1,4 bar
 (B) = HZRP20 Inlet pressure 7 bar, outlet pressure 5 bar, Δp 1 bar

HZRP1310	HZRP2310	HZ9P...
Fixing bracket for HZRP10	Fixing bracket for HZRP20	Gauges Ø50 - R1/4 HZ9P500314 0 - 2,5 bar HZ9P500614 0 - 6 bar HZ9P501014 0 - 10 bar

Electro-pneumatic transducers



■ **HZRE10**
 Adjusting range
 0,2 ÷ 1 bar
 0,14 ÷ 4 bar
 0,2 ÷ 8 bar

■ **HZRE20**
 Adjusting range
 0,2 ÷ 1 bar
 0,14 ÷ 4 bar
 0,14 ÷ 7 bar

Part No.	HZRE10	HZRE20
Fluid	filtered compressed air, not lubricated	
Connections	G1/4	
Max pressure	7 ÷ 10 bar	7 ÷ 9 bar
Temperature	-30 ÷ +65 °C	-40 ÷ +70 °C
Flow rate	350 ÷ 600 NI/min	
Control Signal	0-10 V	4-20 mA
Voltage	-	7-30 V DC
Control System	Piezoelectric open ring	Piezoelectric closed ring
Hysteresis	< 0,5% F.S.	± 0,10% F.S.
Repeatability	< 0,5% F.S.	± 0,10% F.S.

Values of pressure and flow rate vary according to the model of transducer.

For further information please contact our Sales Office