Pressure regulator
VRPA-LM-R14-Q8
Part number: 8086013


## Data sheet

| Feature | Value |
| :--- | :--- |
| Controller function | Output pressure constant <br> with secondary exhaust <br> with return flow |
| Pneumatic connection, port 1 | R1/4 |
| Pneumatic connection, port 2 | QS-8 |
| Mounting type | Threaded |
| Standard nominal flow rate | 130 l/min |
| Ambient temperature | $0 \ldots 6{ }^{\circ} \mathrm{C}$ |
| Material housing | PBT |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Assembly position | Any |
| Type of actuation | manual |
| Type of seal on screw-in stud | coating |
| Adjusting element | Rotary knob with lock |
| Ability to swivel | $360^{\circ} /$ no continuous swivelling permissible |
| Pressure gauge | with pressure gauge |
| Pressure regulation range MPa | $0.1 \ldots 0.8$ MPa |
| Pressure regulation range | $1 \ldots 8$ bar |
| Pressure regulation range psi | $14.5 \ldots 116$ psi |
| Note on operating and pilot medium | Lubricated operation possible (subsequently required for further |
| operation |  |
| PWIS conformity | VDMA24364-B2-L |
| Cleanroom class | ISO class 4 |
| Product weight | 49 g |
| Material of threaded plug | Nickel-plated brass |
| Materials note | Conforms to RoHS |
| Material of threaded seal | PTFE |
| Material static seals | NBR |
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