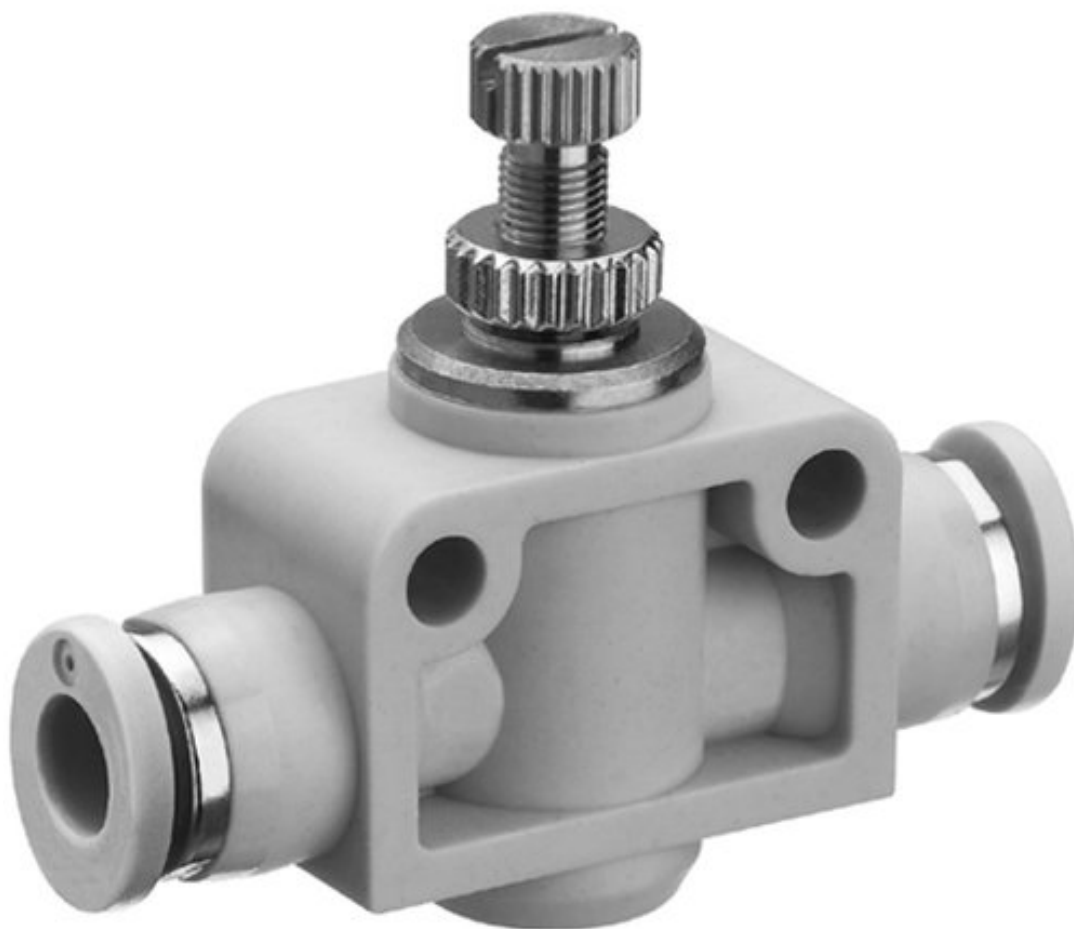


# Series QR1



## AVENTICS™ Series QR1

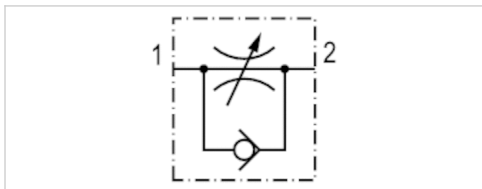


# Series QR1

- Qn 1►2 = 60-875 l/min
- direction of throttle 1 ► 2
- push-in fitting / push-in fitting



|                               |                 |
|-------------------------------|-----------------|
| Working pressure min./max.    | 0.5 ... 10 bar  |
| Ambient temperature min./max. | 0 ... 60 °C     |
| Medium temperature min./max.  | 0 ... 60 °C     |
| Medium                        | Compressed air  |
| Weight                        | See table below |



## Technical data

| Part No.   | Port 1 | Port 2 | Flow      | Delivery unit | Weight   |
|------------|--------|--------|-----------|---------------|----------|
|            |        |        | Qn 1►2    |               |          |
| R412005454 | Ø 4    | Ø 4    | 60 l/min  | 5 piece       | 0.013 kg |
| R412005455 | Ø 6    | Ø 6    | 135 l/min | 5 piece       | 0.028 kg |
| R412005456 | Ø 8    | Ø 8    | 200 l/min | 5 piece       | 0.041 kg |
| R412005457 | Ø 10   | Ø 10   | 550 l/min | 2 piece       | 0.069 kg |
| R412005458 | Ø 12   | Ø 12   | 875 l/min | 2 piece       | 0.114 kg |

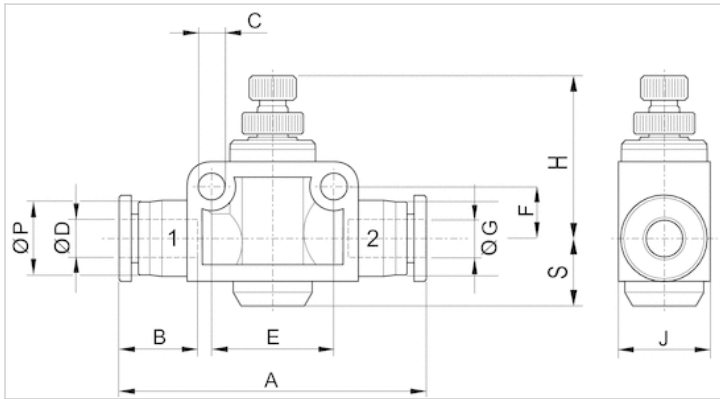
Nominal flow Qn at 6 bar and Δp = 1 bar

## Technical information

| Material           |                                |
|--------------------|--------------------------------|
| Housing            | Polybutyleneterephthalate      |
| Flow control screw | Brass, nickel-plated           |
| Seals              | Acrylonitrile butadiene rubber |

## Dimensions

### Dimensions



## Dimensions

| Part No.   | Port G | Ø D | A    | B    | Ø C | E  | F   | H    | J  | Ø P  | S   |
|------------|--------|-----|------|------|-----|----|-----|------|----|------|-----|
| R412005454 | Ø 4    | 4   | 38.4 | 14   | 3.2 | 14 | 6.5 | 20   | 11 | 10   | 6.5 |
| R412005455 | Ø 6    | 6   | 47.2 | 15.2 | 4.3 | 20 | 8.5 | 27   | 15 | 12.4 | 11  |
| R412005456 | Ø 8    | 8   | 51.8 | 17.2 | 4.3 | 22 | 9.5 | 28.5 | 18 | 14.4 | 12  |
| R412005457 | Ø 10   | 10  | 59.6 | 18.9 | 4.3 | 26 | 11  | 34   | 21 | 17.6 | 12  |
| R412005458 | Ø 12   | 12  | 71.4 | 21.2 | 4.3 | 32 | 13  | 33.5 | 28 | 21   | 16  |

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