

AVENTICS Series QR2 Fittings

AVENTICS Series QR2, push-in connectors with easy, secure mounting are available in many versions: In metal for tubing diameters from 3 to 16 mm. QR2 Series offers a cylindric thread that allows repeated connection and release without problems (Quick Release) and captive O-ring guarantees an optimal sealing. Our QR program offers the right solution for every application and industry.



Technical data

| | |
|----------------------------------|-------------------|
| Industry | Industrial |
| Fitting type | Y-Plug connection |
| Compressed air connection type | push-in fitting |
| Port G | Ø 6 |
| Compressed air connection type 2 | push-in fitting |
| Port D | Ø 6 |
| Type | QR2-S-RYK |
| Min. working pressure | -0.95 bar |
| Max. working pressure | 15 bar |
| Min. ambient temperature | -20 °C |
| Max. ambient temperature | 70 °C |
| Delivery unit | 5 piece |
| Weight | 0.034 kg |

Material

| | |
|-----------------------|--------------------------------|
| Housing material | Brass |
| Surface housing | nickel-plated |
| Seal material | Acrylonitrile butadiene rubber |
| Material release ring | Brass |

Series QR2-S-RYK standard

2024-04-10

R412010802

Surface release ring

nickel-plated

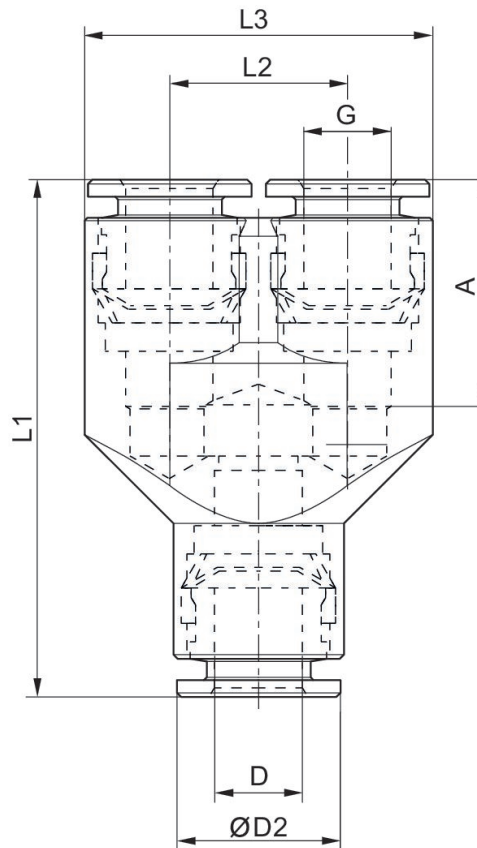
Part No.

R412010802

Technical information

The series QR1 (plastic) and QR2 (metal) can not be combined

Dimensions



| Part No. | Port D | Port G | A Insertion depth | ØD2 | L1 | L2 | L3 |
|------------|--------|--------|-------------------|------|------|------|------|
| R412010804 | Ø 4 | Ø 4 | 12.5 | 9 | 29.5 | 9.5 | 18.5 |
| R412010802 | Ø 6 | Ø 6 | 15.5 | 11.5 | 36 | 12.5 | 24.5 |
| R412010117 | Ø 8 | Ø 8 | 15.5 | 13.5 | 37.5 | 14.5 | 28.5 |
| R412010535 | Ø 10 | Ø 10 | 17.5 | 15.5 | 44 | 16.5 | 32.5 |