

QR1-S-RDR standard series

R432000057

2025-04-25

AVENTICS Series QR1 Fittings

AVENTICS Series QR1 push-in connectors with easy, secure mounting are available in many versions: for tubing diameters from 3 to 16 mm, as well as in plastic, metal, and stainless steel variants. QR1 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	Connection pieces, reducing
Compressed air connection type	pin bushing
Port G	Ø5/32
Compressed air connection type 2	pin bushing
Port D	Ø1/4
Type	QR1-S-RDR
Min. working pressure	-0.95 bar
Max. working pressure	16 bar
Min. ambient temperature	-20 °C
Max. ambient temperature	80 °C
Delivery quantity	20 piece
Weight	0.005 kg

Material

Housing material	Polyamide
Part No.	R432000057

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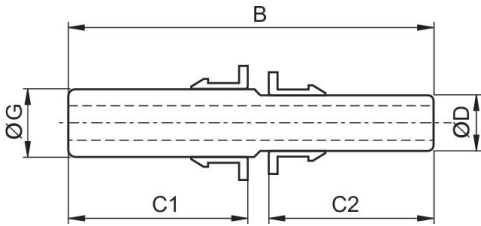
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Technical information

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

These pneumatic components with NPT or inch thread dimensions are only available from our US sales organization.

Dimensions



Dimensions in inches

Part No.	Port D	Port G	A	C1	C2
R432000057	Ø1/4	Ø5/32	1.42	0.67	0.63
R432000061	Ø5/16	Ø1/4	1.54	0.73	0.67
R432000059	Ø3/8	Ø5/16	1.69	0.83	0.83
R432000055	Ø3/8	Ø1/2	1.89	0.89	0.89