

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	Straight fitting, conical
Compressed air connection type	External thread
Port G	R 3/8
Compressed air connection type 2	push-in fitting
Port D	Ø 12
Type	QR2-C-RPN
suitable for use in food processing	suitable for use in food processing
Min. working pressure	-0.95 bar
Max. working pressure	16 bar
Min. ambient temperature	-20 °C
Max. ambient temperature	150 °C
Delivery unit	1 piece
Weight	0.026 kg

Material

Housing material	Stainless Steel
Seal material	Fluorocautchouc
Material tooth lock washer	Stainless Steel

Series QR2-C-RPN, stainless steel

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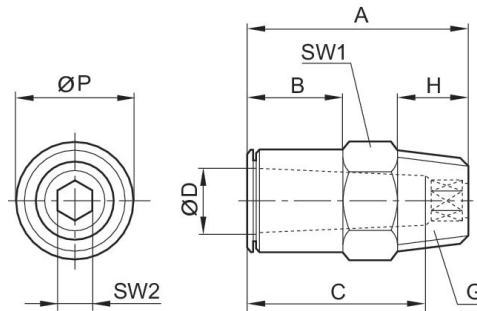
2544012380

Material release ring	Stainless Steel
Material thread	Stainless Steel
Part No.	2544012380

Technical information

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

Dimensions



Part No.	Port D	Port G	A	B	C	H	SW1	SW2	$\varnothing P$
2544004180	$\varnothing 4$	R 1/8	18	5	15	6.5	10	3	9
2544006180	$\varnothing 6$	R 1/8	20.5	6	18	7.5	12	5	11
2544008180	$\varnothing 8$	R 1/8	24	11.5	16	7.5	14	6	13
2544004140	$\varnothing 4$	R 1/4	21.5	1.5	16	10.5	14	3	9
2544006140	$\varnothing 6$	R 1/4	20.5	2.5	15	11	14	5	11
2544008140	$\varnothing 8$	R 1/4	22.5	4.5	19	11	14	6	13
2544010140	$\varnothing 10$	R 1/4	29.5	11	19	11	16	9	16
2544010380	$\varnothing 10$	R 3/8	25.5	6	19	11.5	17	5	16
2544012380	$\varnothing 12$	R 3/8	31.5	11	20	11.5	19	10	18
2544012120	$\varnothing 12$	R 1/2	31.5	8.5	20	14	22	10	18