

Multi-distributor »Blue Series«, 4-fold, rotating, R 1/8 o. - Riegler 109789

Item no. RGL-109789

Manufacturer Riegler

EAN 4047322389549

Multi-distributor »Blue Series«, 4-fold, rotating, R 1/8 o.

TECHNICAL DATA

Betriebsdruck max [bar]	10.000000
Country of Manufacture	China
For hose OD [mm]	4
Material	Plastic or nickel-plated brass
Medium	Compressed air
Pneumatic connection	R1/8 AG
Seal material	NBR
Series	Blaue Serie
Thread	R 1/8 AG
Weight	0.018 kg
Working pressure max. [bar]	10
Zolltarifnummer	39174000



DESCRIPTION

Multi-distributor »Blue Series«, 4-fold, rotating, R 1/8 o., for hose exterior Ø 4 mm, pmax short term 15bar Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic.

TECHNICAL DATA

Series	Blue series
Max. working pressure short term	15 bar
Min. working pressure	-0.95 bar
Max. working pressure	10 bar
Max. temperature range	80 °C
Min. temperature range	-20 °C
Material	plastic and nickel-plated brass
Sealant	NBR
Medium	compressed air
Recommended hose	PU, PA (nylon)
Applications	compressed air systems, automotive, packaging industry, vacuum

Sleeve	plastic
Thread	R 1/8 ET
for tube O.D.	4 mm
L1	42.0 mm
a/f	10 mm

STANDARDS AND ORIGIN

- Customs tariff number: 39174000
- Country of origin: CN

ABOUT DISTRIBUTORS

Multi-distributors bring several tube outlets together on a single threaded port. Instead of a fitting plus a tee, one part sits on the valve or cylinder and the tubes push in without tools. The 219 items work from -0.99 bar under vacuum up to a working pressure of 10 to 16 bar.

WHAT MATTERS WHEN CHOOSING

- Threads are available parallel as G 1/8 to G 1/2 and tapered as R 1/8 to R 1/2, plus M5, all as male threads. G and R are not interchangeable.
- Tube outer diameters run from 4 to 12 mm. Mixed-size distributors are part of the range, for instance one 8 mm port feeding three 6 mm outlets.
- Check the working pressure. Ratings are 10 to 16 bar maximum depending on version and down to -0.99 bar, so the distributors also suit vacuum circuits.
- Material comes either as plastic combined with nickel-plated brass or as nickel-plated brass throughout. The mechanical load at the mounting point decides which one applies.
- The range covers the Blue Series and click-clock. Rotating versions make it easier to align the outlets after installation.

TYPICAL APPLICATIONS

- Feeding several cylinders from one valve manifold outlet
- Blow-off air to several nozzles on a cleaning or drying station
- Vacuum grippers with several suction cups on one line
- Adding extra outlets to machines already in service
- Control air distribution in handling and assembly devices

The documented seal material is NBR, the medium is compressed air and the operating temperature runs from -20 °C to 80 °C. The parts are intended for plastic tubing and plastic pipe and come from Italy and China.