

Straight push-in bulkhead connector »Blue Series«, M20x1.5 - Riegler 135760

Item no. RGL-135760

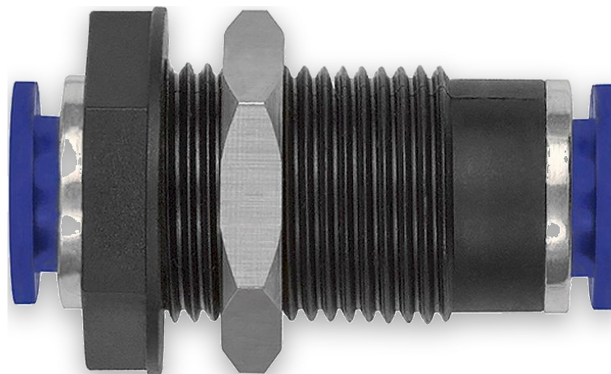
Manufacturer Riegler

EAN 4047322498968

Straight push-in bulkhead connector »Blue Series«, M20x1.5

TECHNICAL DATA

Betriebsdruck max [bar]	10.000000
Country of Manufacture	China
For hose OD [mm]	10
Material	Plastic or nickel-plated brass
Medium	Compressed air
Seal material	NBR
Series	Blaue Serie
Weight	0.024 kg
Working pressure max. [bar]	10
Zolltarifnummer	39174000



DESCRIPTION

Straight push-in bulkhead connector »Blue Series«, M20x1.5, for hose exterior Ø 10 mm, pmax short term 15 bar 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

for tube O.D.	10 mm
L1	45.0 mm
a/f	24 mm
Thread for panel mounting	M20x1.5 ET

STANDARDS AND ORIGIN

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

ABOUT FEMALE BULKHEAD CONNECTORS

Straight bulkhead push-in connectors take a line through a wall, a control panel or a machine cover and leave a push-in port on either side. They accept tube with an outside diameter of 3 to 16 mm, and reducing versions join two different sizes. Working pressure reaches 20 bar and vacuum down to -0.99 bar.

WHAT MATTERS WHEN CHOOSING

- Tube outside diameter: 3 to 16 mm, set separately for each side on the reducing types.
- Panel thread: M8x0.75 to M24x1.0 male, governed by the hole already in the sheet metal.
- Series: click-clock, Blue Series, Blue Series mini, metallica, NonPlusUltra and inox line differ in shape and material, from plastic through nickel plated brass to stainless steel 1.4404.
- Sealant: NBR for compressed air, FKM or FPM for oil and higher temperatures, and the FDA compliant FKM version near food production.
- Medium and temperature: besides compressed air the parts handle neutral gases, liquids, oil and grease, with operating temperature from -20 °C to 150 °C depending on series.

TYPICAL APPLICATIONS

- Routing compressed air lines through cabinet and enclosure walls
- Connection panels on machine guarding
- Test rigs with defined ports on the front plate
- Vacuum handling with suction cups
- Air service units whose lines are taken out of the housing in an orderly way

Materials range from nickel plated brass through plastic to stainless steel 1.4404, and an FDA compliant FKM seal is available for work close to food. The group holds 60 articles drawn from six series.