

Bulkhead connector with mounting nuts, M12x1, for hose 8/6, POM - Riegler 110751

Item no. RGL-110751

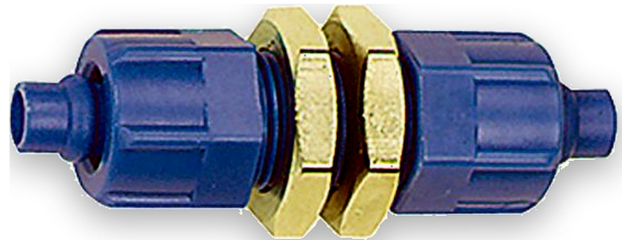
Manufacturer Riegler

EAN 4047322029308

Bulkhead connector with mounting nuts, M12x1, for hose 8/6, POM

TECHNICAL DATA

Betriebsdruck max [bar]	10.000000
Country of Manufacture	Germany
For hose ID [mm]	6
For hose OD [mm]	8
Material	POM
Pneumatic connection	M12x1,0 AG
Thread	M12x1,0 AG
Weight	0.012 kg
Zolltarifnummer	39174000



DESCRIPTION

Bulkhead connector with mounting nuts, M12x1, for hose 8/6 mm, AF 17, Operating pressure 0 - 10 bar, Temp. -10 °C to 60 °C, POM

TECHNICAL DATA

Min. operating pressure

0 bar

Max. operating pressure

10 bar

Min. temperature range

-10 °C

Max. temperature range

60 °C

Thread

M12x1.0 ET

for hose I.D.

6

for tube O.D.

8 mm

L1

51.0 mm

a/f

17 mm

Material

POM

STANDARDS AND ORIGIN

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

A1-ESD equipment

Keldersstr. 15
42697 Solingen, Deutschland
VAT ID: DE269659389

Phone: +49 212 38340680
shop@esd-equipment.com
fluidics-equipment.com

ABOUT BULKHEAD CONNECTORS

Plastic bulkhead connectors take a hose line through a tank or housing wall and are clamped from the opposite side. The group holds straight and elbow versions with male threads from M10x1 to M18x1.5 for hoses of 6 to 12 mm outside diameter. Operating pressure reaches 10 bar and goes down to -0.9 bar.

WHAT MATTERS WHEN CHOOSING

- Material PA, polypropylene (PP) or POM. PA is impact resistant, UV stabilised and withstands petrol, diesel, heating oil and alkalis, but it is not suitable for acids. PP resists almost all inorganic acids and bases, including at high concentration.
- Thread M10x1, M12x1, M14x1.5, M16x1, M16x1.5 or M18x1.5, always male. It fixes the diameter of the wall bore and has to suit the wall thickness.
- Hose size: for tube O.D. 6 to 12 mm and hose I.D. 4 to 9 mm. The clamping ring grips on the outside diameter, so check the tolerance of the hose.
- Operating pressure: the maximum of 10 bar refers to 20 °C. With PA the permitted pressure drops to 1 bar at 60 °C, with PP it is still 2.5 bar at 90 °C, and the figures are given on the item.
- Operating temperature: the lower limit is -20 to 5 °C depending on material, the upper limit 60 to 90 °C. The top of that range is covered by the PP versions.

TYPICAL APPLICATIONS

- Taking hose lines through tank and housing walls
- Chemical and dosing systems, where the PP version handles acids and bases
- Fuel and heating oil systems for which the PA version is released
- Wall connections on test benches and laboratory setups
- Suction lines down to -0.9 bar on handling equipment

The connectors are made from PA, polypropylene (PP) or POM, with fitting body, clamping ring and knurled nut listed separately on each item. All 19 positions in the group are manufactured in Germany.