

# Coupling plugs

with hose screw connection

**Plug diameter:**

7,8 mm

**Flow\* air (water):**

50 - 500 l/min (0,4 - 6,5 l/min)

**Function:**

Coupled by plugging the plug into the sleeve until you hear a "click". Pressing the release button (for plastic couplings with a tube connection protected against accidental unlocking) releases the plug once again. It is possible to combine coupling plugs and coupling sockets with and without a shut-off valve, and made of different materials as desired. The shut-off valve prevents the medium from spilling out when uncoupled.

**Material:**

the coupling plugs are available in three different material types: Chrome-plated brass, Polymer (POM) and Polypropylene (PP)

**Thread (G):**

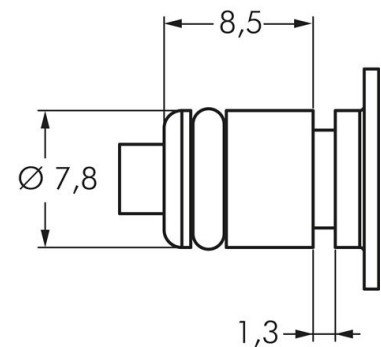
Male thread NPT 1/8", NPT 1/4", R 1/8" & R 1/4"

**Workload:**

-0,8 to 8,3 bar  
-0,8 to 17,3 bar

**Temperature range:**

0°C to +70°C  
-40°C to +80°C



**Type POM:**

**Materials:**

Body and valves: POM (raw material in accordance with FDA), valve springs: Stainless steel AISI 316, seals: NBR, bayonet connector: POM (raw material in accordance with FDA), bulkhead nut: nickel-plated brass.

**Temperature range:**

-40°C to max. +80°C

**Media:**

Compressed air, water, alcohol, glycol, mineral oils, petrol, oxygen\*\*, carbon dioxide, mild chemicals

**Operating range:**

For general applications. High resistance to mineral oils.

**Type Polypropylene:**

**Materials:**

Body and valves: polypropylene (raw material in accordance with FDA), valve springs: stainless steel AISI 316, seals: EPDM, bayonet connector: POM (raw material in accordance with FDA), bulkhead nut: nickel-plated brass

**Temperature range:**

0°C to max. +80°C

**Media:**

Compressed air, water, many acids and alkaline solutions, alcohol, glycol, MEK, oxygen\*\*, ozone, carbon dioxide, many chemicals

**Operating range:**

Suited for use with many chemicals. Not resistant to mineral oils.