

End distributor socket

plastic, with quick disconnect couplings DN 7.2, »R26MS« series

PLUS ||

Art. No. 107276

Type No. EVDK12-3



Exemplary illustration

3-way distributor sockets made of high-strength glass fibre-reinforced plastic (PA6 GF 30) for a wide range of applications. Available with 2 or 3 pre-assembled, brass quick disconnect couplings and 2 inlet thread sizes for input and output threads (Not combinable). All distributor sockets have a durable brass threaded insert, whose shape secures it against rotation and against axial shift due to its shape. Drilling diagram dimensions are identical for all distributor sockets, so a simpler and more flexible exchange replacement.

Caution:

Note that the distributor sockets should not be installed in danger zones. Danger zones are, for example, transport routes, escape routes, etc.

Technical data

Max. operating pressure	15 bar
Operating temperature in air	-10 to 50 °C
Operating temperature in water	1 to 50 °C
Housing	glass fibre-reinforced plastic PA6 GF 30
Thread material	brass
Max. tightening torque brass thread	12 Nm
Max. tightening torque mounting holes	4 Nm
Inlet thread	G 1/2 IT
Coupling	3 x brass coupling
Version	without through-hole thread
Width	120.0 mm
Height	59.0 mm

Commercial data

Customs tariff number	84818099
Country of origin	GR
eCl@ss 5.1.4	37110302
eCl@ss 9.0	37110302
UNSPSC_Code_v190501	40141734
UNSPSC_CodeDesc_v190501	Hose fitting

Material informations

REACH SVHC1 substance name	lead
CAS no. SVHC 1	7439-92-1
RoHS materials notice	RoHS compliant
REACH Info	contains SVHC substance

Installation location

The installation location of the quick-connect coupling must be selected so that the health of the person operating it cannot be harmed by sources of danger in the immediate surroundings, e.g. from slipping, jamming, contaminating or burning.

Low pressure applications

Threads for low-pressure applications are, if series-related no corresponding coatings or sealing rings are present, to be provided with suitable sealing materials, such as a PTFE belt or liquid sealing agent. Here the resistance to the flowing medium must be paid attention to.

Service manual

Quick-connect couplings are predominantly maintenance-free, if used in standard applications and handled carefully. The selection of the quick-connect coupling must be compatible with the intended purpose of use and material. Depending on the operating conditions it is recommended to provide the following points during maintenance:

External visual inspection with dirt in the functioning area of coupling and plug (seal area, control elements) these must be cleaned. The following distinguishing symptoms require replacement of the corresponding parts: Torn, damaged, heavily damaged or corroded parts, leaks on coupling and / or plug parts.

Function test under maximum Max. operating pressure can be used to test the quick-connect coupling for possible malfunctions and leaks. During the testing and operating phase it must be ensured that the operating personnel work protected.

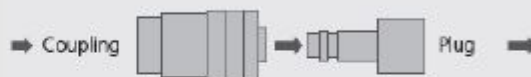
Replacement intervals for quick-connect couplings must, if available, be adapted to the state or technical standards. However, also operating experiential values, which result from the required operational safety and the conditions of use, such as downtimes, coupling frequency, Max. operating pressure and properties of the medium, are critical for establishing the replacement intervals.

Pulsating tool

When using pulsating tools it is recommended to observe the standard ISO 6150, § 7.1. It recommends installing a minimum 300 mm long, flexible hose between the pulsating tool and the quick-connect coupling. The oscillating forces are taken by the hose piece and thus increase the service life of the quick-connect coupling. No warranty can be made for couplings mounted directly on pulsating tools.

Flow direction

The recommended flow direction is from the coupling to the plug if nothing else is specified in the technical data sheet.



Application with hoses

When using hoses the permissible Max. operating pressure and the working temperature must absolutely be observed and suitable hose connections must be seen to.

Drilling template for cutting out



Accessories

	Art. No.	Type No.
Plug-in connector for couplings I.D. 7.2 - 7.8, bright brass, Sleeve I.D. 6, Operating pressure 0 - 35 bar, Temp. -20 °C to 100 °C	107232	243.06
Plug-in connector for couplings I.D. 7.2 - 7.8, bright brass, Sleeve I.D. 8, Operating pressure 0 - 35 bar, Temp. -20 °C to 100 °C	107233	243.351
Plug-in connector for couplings I.D. 7.2 - 7.8, bright brass, Sleeve I.D. 9, Operating pressure 0 - 35 bar, Temp. -20 °C to 100 °C	107234	243.07
Plug-in connector for couplings I.D. 7.2 - 7.8, bright brass, Sleeve I.D. 10, Operating pressure 0 - 35 bar, Temp. -20°C to 100°C	107235	243.352
Plug-in connector for couplings I.D. 7.2 - 7.8, bright brass, Sleeve I.D. 13, Operating pressure 0 - 35 bar, Temp. -20°C to 100°C	107236	243.10
Nipple for couplings I.D. 7.2 - 7.8, bright brass, G 1/8 ET, Operating pressure 0-35 bar, Med./ ambient temp. -20°C to 100°C	107237	243.48
Nipple for couplings I.D. 7.2 - 7.8, bright brass, G 1/4 ET, Operating pressure 0-35 bar, Med./ ambient temp. -20°C to 100°C	107238	243.50
Nipple for couplings I.D. 7.2 - 7.8, bright brass, G 3/8 ET, Operating pressure 0-35 bar, Med./ ambient temp. -20°C to 100°C	107239	243.51
Nipple for couplings I.D. 7.2 - 7.8, bright brass, G 1/2 ET, Operating pressure 0-35 bar, Med./ ambient temp. -20°C to 100°C	107240	243.52
Nipple for couplings I.D. 7.2 - 7.8, bright brass, G 1/8 IT, Operating pressure 0-35 bar, Med./ ambient temp. -20°C to 100°C	107241	243.54
Nipple for couplings I.D. 7.2 - 7.8, bright brass, G 1/4 IT, Operating pressure 0-35 bar, Med./ ambient temp. -20°C to 100°C	107242	243.55
Nipple for couplings I.D. 7.2 - 7.8, bright brass, G 1/2 IT, Operating pressure 0-35 bar, Med./ ambient temp. -20°C to 100°C	107244	243.57

Accessories

	Art. No.	Type No.
Nipple for couplings I.D. 7.2 - 7.8, bright brass, for hose 6x4, Operating pressure 0 - 35 bar, Med./ambient temp. -20°C to 100°C	107245	243.216
Nipple for couplings I.D. 7.2 - 7.8, bright brass, for hose 8x6, Operating pressure 0 - 35 bar, Med./ambient temp. -20°C to 100°C	107246	243.217
Nipple for couplings I.D. 7.2 - 7.8, bright brass, for hose 10x8, Operating pressure 0 - 35 bar, Med./ambient temp. -20°C to 100°C	107247	243.218
Nipple for couplings I.D. 7.2 - 7.8, bright brass, for hose 12x9, Operating pressure 0 - 35 bar, Med./ambient temp. -20°C to 100°C	107248	243.219
Nipple, I.D. 7.2-7.8, bright brass, for hose 6x4, Coupling nut, Kink protection, Operating pressure 0-35 bar, Temp. -20°C to 100°C	107249	243.355
Nipple, I.D. 7.2-7.8, bright brass, for hose 8x6, Coupling nut, Kink protection, Operating pressure 0-35 bar, Temp. -20°C to 100°C	107250	243.356
Nipple, I.D. 7.2-7.8, bright brass, for hose 10x8, Coupling nut, Kink protection, Operating pre. 0 - 35 bar, Temp. -20°C to 100°C	107251	243.357
Nipple, I.D. 7.2-7.8, bright brass, for hose 12x9, Coupling nut, Kink protection, Operating pre. 0 - 35 bar, Temp. -20°C to 100°C	107252	243.358
Plug-in angle for couplings I.D. 7.2 - 7.8, bright brass, for hose 6x4, Operating pressure 0 - 35 bar, Temp. -20 °C to 100 °C	107253	243.760
Plug-in angle for couplings I.D. 7.2 - 7.8, nickel-plated brass, for hose 8x6, Operating pressure 0 - 35 bar, Temp. -20°C to 100°C	107254	243.761
Plug-in angle for couplings I.D. 7.2 - 7.8, bright brass, for hose 10x8, Operating pressure 0 - 35 bar, Temp. -20 °C to 100 °C	107255	243.762
Nipple, I.D. 7.2 - 7.8, bright brass, G 1/4 ET, Thread coating, Operating pressure 0-12 bar, Medium / ambient temp. -20°C to 100°C	125654	243.50-EB
Nipple, I.D. 7.2 - 7.8, bright brass, G 3/8 ET, Thread coating, Operating pressure 0-12 bar, Medium / ambient temp. -20°C to 100°C	125655	243.51-EB
Nipple, I.D. 7.2 - 7.8, bright brass, G 1/2 ET, Thread coating, Operating pressure 0-12 bar, Medium / ambient temp. -20°C to 100°C	125656	243.52-EB