

End distributor socket

plastic, with pushbutton-type safety couplings DN 7.4

MAX |||

Art. No. 107577

Type No. EVDS12-3



Exemplary illustration

3-way distributor sockets made of high-strength glass fibre-reinforced plastic (PA6 GF 30) for a wide range of applications. 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 danges zones. Danger zones are, for example, transport routes, escape routes, etc.

Technical data

Max. operating pressure	12 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 safety coupling
Version	without through-hole thread
Width	156.0 mm
Height	59.0 mm

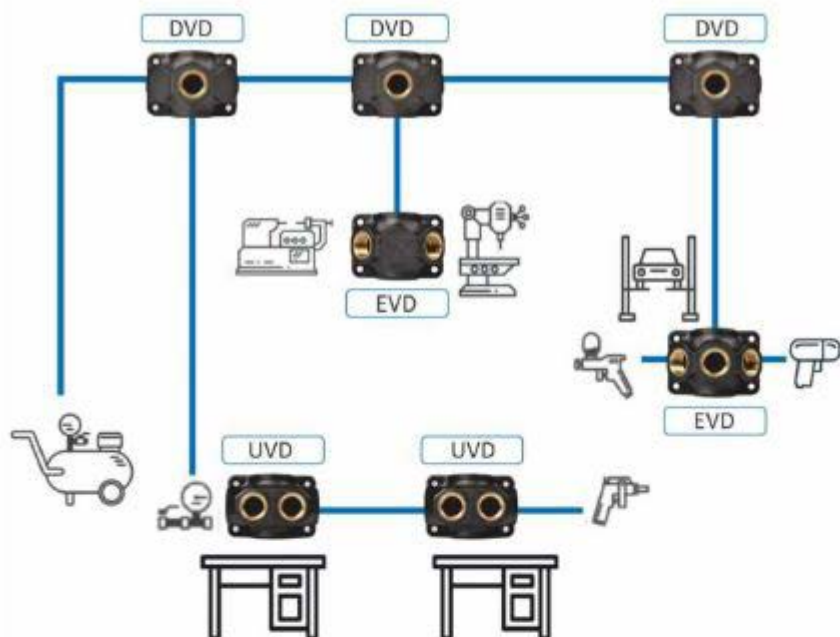
Commercial data

Customs tariff number	84818099
Country of origin	GR
eCl@ss 5.1.4	27294206
eCl@ss 9.0	27294206
UNSPSC_Code_v190501	27131601
UNSPSC_CodeDesc_v190501	Air manifolds

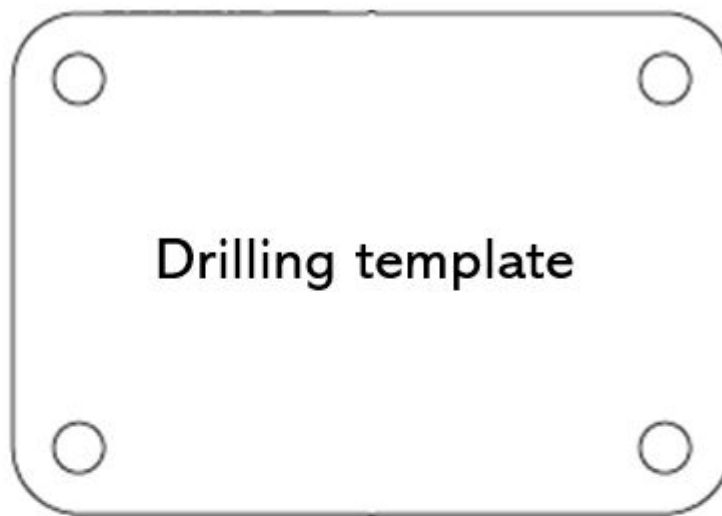
Material informations

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

Application examples



Drilling template for cutting out



Drillings in the box: Ø 5.5 mm
Ideal plugs: Ø 6 mm
Ideal screws: Ø 4 mm flat head

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.

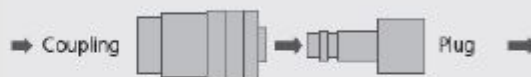
Replacement intervals for quick-connect couplings must, if available, be adapted to the state or technical standards. However, also operating experiential values, which result from the required operational safety and the conditions of use, such as downtimes, coupling frequency, Max. operating pressure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

Accessories

	Art. No.	Type No.
Plug-in connector, I.D. 7.2 - 7.8, hardened / galvanised steel, Sleeve I.D. 6, Operating pressure 0 - 35 bar, Temp. -20°C to 100°C	107541	243.06 ST

Accessories

	Art. No.	Type No.
Plug-in connector, I.D. 7.2 - 7.8, hardened / galvanised steel, Sleeve I.D. 8, Operating pressure 0 - 35 bar, Temp. -20°C to 100°C	107542	243.06 ST-8
Plug-in connector, I.D. 7.2 - 7.8, hardened / galvanised steel, Sleeve I.D. 9, Operating pressure 0 - 35 bar, Temp. -20°C to 100°C	107543	243.07 ST
Plug-in connector, I.D. 7.2 - 7.8, hardened / galvanised steel, Sleeve I.D. 10, Operating pressure 0-35 bar, Temp. -20°C to 100°C	107544	243.07 ST-10
Plug-in connector, I.D. 7.2 - 7.8, hardened / galvanised steel, Sleeve I.D. 13, Operating pressure 0-35 bar, Temp. -20°C to 100°C	107545	243.10 ST
Nipple for couplings I.D. 7.2 - 7.8, hardened / galv. steel, R 1/8 ET, Operating pressure 0 - 35 bar, Temp. -20 °C to 100 °C	107546	243.49 ST
Nipple for couplings I.D. 7.2 - 7.8, hardened / galv. steel, G 1/4 ET, Operating pressure 0 - 35 bar, Temp. -20 °C to 100 °C	107547	243.50 ST
Nipple for couplings I.D. 7.2 - 7.8, hardened / galv. steel, G 3/8 ET, Operating pressure 0 - 35 bar, Temp. -20 °C to 100 °C	107548	243.51 ST
Nipple for couplings I.D. 7.2 - 7.8, hardened / galv. steel, G 1/2 ET, Operating pressure 0 - 35 bar, Temp. -20 °C to 100 °C	107549	243.52 ST
Nipple for couplings I.D. 7.2 - 7.8, hardened / galv. steel, G 1/8 IT, Operating pressure 0 - 35 bar, Temp. -20 °C to 100 °C	107550	243.54 ST
Nipple for couplings I.D. 7.2 - 7.8, hardened / galv. steel, G 1/4 IT, Operating pressure 0 - 35 bar, Temp. -20 °C to 100 °C	107551	243.55 ST
Nipple for couplings I.D. 7.2 - 7.8, hardened / galv. steel, G 3/8 IT, Operating pressure 0 - 35 bar, Temp. -20 °C to 100 °C	107552	243.56 ST
Nipple for couplings I.D. 7.2 - 7.8, hardened / galv. steel, G 1/2 IT, Operating pressure 0 - 35 bar, Temp. -20 °C to 100 °C	107553	243.57 ST