

Climate
Control

IMI Pneumatex

Accessories



Accessories
For pressure maintenance

Accessories

High quality accessories complete the range of IMI pressure maintenance products. Thus technology becomes system technology. These products are suitable for application in systems specified to EN 12828 and SWKI HE301-01.



Technical description – Low water protection

Applications:

Heating water systems.
Deployment in systems according to EN 12828, SWKI HE301-01.

Functions:

Protecting the heat generator and the system from overheating in case of lack of water.

Pressure:

Min. admissible pressure, PS_{min} : 0 bar
Max. admissible pressure, PS: 10 bar

Temperature:

Max. admissible temperature, t_{Smax} : 120 °C
Min. admissible temperature, t_{Smin} : -10 °C

Material:

Main body made of nodular graphite iron, zinc coated.

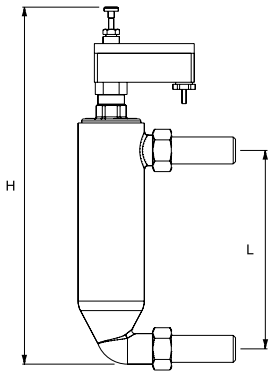
Transportation and storage:

In frostless, dry places.

Approvals:

Component inspected TÜV-HWB-96.

Low water protection


Low water protection WMS

Locking after turning off, change-over contact for signaling.
2 welding connections.
Vertical installation.

Type	H	L	m [kg]	U [V]	I [A]	EAN	Article No
10 bar (PS)							
WMS 933.1	370	195	3,3	250	10	7640148638630	502 1003

Low water protection WMS

No locking after turning off, change-over contact for signaling.
2 welding connections.
Vertical installation.

Type	H	L	m [kg]	U [V]	I [A]	EAN	Article No
10 bar (PS)							
WMS 933.2	370	195	3,3	250	10	7640148638647	502 1004

Technical description – Pre-pressure measuring gauge

Applications:

Heating, solar and cooling water systems.
Deployment in systems according to EN 12828, SWKI HE301-01.

Functions:

Control of the pre-pressure at expansion vessels. Auto on/off.
Automatic calibration.

Pressure:

Min. admissible pressure, PSmin: 0 bar
Max. admissible pressure, PS: 10 bar

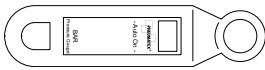
Temperature:

Max. admissible temperature, TS: 120 °C
Min. admissible temperature, TSmin: -10 °C

Material:

Rugged plastic housing.

Pre-pressure measuring gauge



Pre-pressure measuring gauge DME

Type	PS [bar]	m [kg]	EAN	Article No
DME	10	0,3	7640148638593	500 1048

Technical description – Manometer

Applications:

Heating, solar and cooling water systems.
Deployment in systems according to EN 12828, SWKI HE301-01.

Functions:

Controlling the filling pressure at expansion vessels.

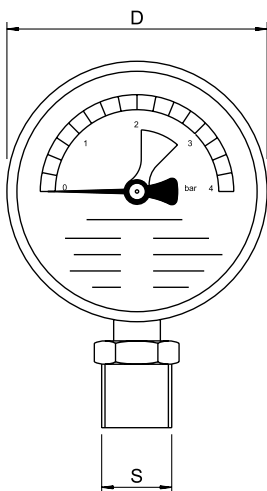
Pressure:

Min. admissible pressure, PSmin: 0 bar
Max. admissible pressure, PS: 4 bar

Temperature:

Max. admissible temperature, TS: 60 °C
Min. admissible temperature, TSmin: -10 °C

Manometer



Manometer H

Display range 0-4 bar, with green marking indicating working pressure range.
Bottom connection.

Type	PS [bar]	D	m [kg]	S	EAN	Article No
H4	4	80	0,3	R1/2	7640148638616	501 1037

Technical description – Thermometer/Manometer

Applications:

Heating, solar and cooling water systems.
Deployment in systems according to EN 12828, SWKI HE301-01.

Functions:

Control of the filling pressure at expansion vessels.

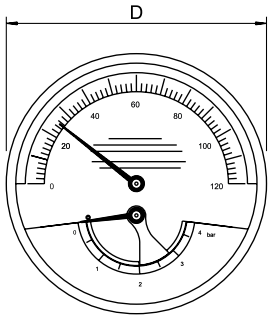
Pressure:

Min. admissible pressure, PSmin: 0 bar
Max. admissible pressure, PS: 4 bar

Temperature:

Max. admissible temperature, TS: 120 °C
Min. admissible temperature, TSmin: -10 °C

Thermometer/Manometer



Thermometer/Manometer TH

Pressure display range 0-4 bar, temperature display range 0-120 °C, with marked green pressure bandwidth for working pressure.
Rear connection.

Type	PS [bar]	D	m [kg]	S	EAN	Article No
TH4	4	80	0,3	R1/2	7640148638623	501 1038

Technical description – Push button valve

Applications:

Heating, solar and cooling water systems.
Deployment in systems according to EN 12828, SWKI HE301-01.

Functions:

Shut-off of manometers. Pressure measurement only with pressed piston, otherwise the manometer is unpressurized.

Pressure:

Min. admissible pressure, PSmin: 0 bar
Max. admissible pressure, PS: 30 bar

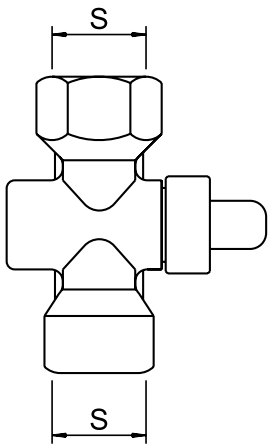
Temperature:

Max. admissible temperature, TS: 100 °C
Min. admissible temperature, TSmin: -20 °C

Material:

Nickle-plated brass.

Push button valve



Push button valve DH

Type	PS [bar]	m [kg]	S	EAN	Article No
DH	30	0,3	G1/2	7640148638609	500 1060

Technical description – Lock shield valve

Applications:

Heating, solar and cooling water systems.
Deployment in systems according to EN 12828.

Media:

Non-aggressive and non-toxic system media.
Ethylene or propylene glycol-based antifreeze up to 50%.

Functions:

Shut-off. Maintenance and disassembly of expansion vessels.

Pressure:

Min. admissible pressure, PSmin: 0 bar
Max. admissible pressure, PS: 16 bar

Temperature:

Max. admissible temperature, TS: 120 °C
Min. admissible temperature, TSmin: -10 °C

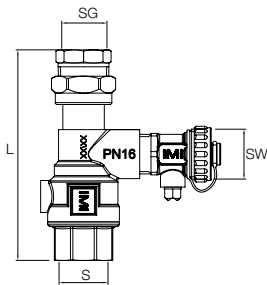
Material:

Brass.

General:

Can only be closed with the supplied allen key. Ball valve with DN 15 hose connection for fast draining.

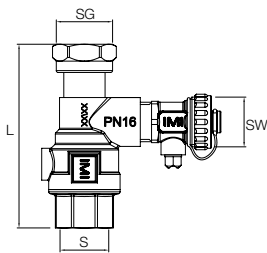
Lock shield valve



Lock shield valve DLV

Internal thread on both sides, screw connection on the vessel connection side.

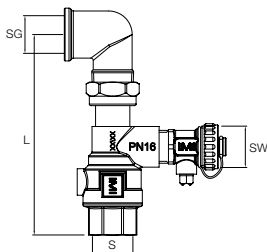
Type	PS [bar]	L	m [kg]	S	SG	SW	EAN	Article No
DLV 15	16	114	0,53	Rp3/4	Rp1/2	G3/4	7640148638562	535 1432



Lock shield valve DLV

Internal thread on both sides, flat sealing union for direct connection to all suitable expansion vessels.

Type	PS [bar]	L	m [kg]	S	SG	SW	EAN	Article No
DLV 20	16	97	0,49	Rp3/4	G3/4	G3/4	7640148638579	535 1434
DLV 25	16	100	0,54	Rp1	G1	G3/4	7640148638586	535 1436



Connection set DLV A

Internal thread on both sides, 90° bend with threaded seal for direct connection to Statico SU expansion vessels.

Type	PS [bar]	L	m [kg]	S	SG	SW	EAN	Article No
DLV 20 A	16	130	0,61	Rp3/4	Rp3/4	G3/4	7640148639842	746 2000
DLV 25 A	16	138	0,71	Rp1	Rp1	G3/4	7640161637214	301010-50601



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