

Datasheet Pressure reducer DM1900



DM 1900 MPW
With medium pressure warning device -
Constant tone



DM 1900 iMPW
With medium pressure warning device -
Intermittent tone

The pressure reducer reduces the cylinder pressure to the working pressure of the connected breathing apparatus and is thus part of a compressed air hose unit according to EN 14593-1 / EN 14594. If the cylinder pressure drops below 35 ± 5 bar, the pressure reducer automatically switches to the warning pressure. At the same time, a warning signal sounds on the pressure reducer together with the directly responding warning device on the equipment carrier.

The air supply in the cylinder can be read at any time on the high-pressure manometer. The medium pressure manometer for displaying the working pressure also signals the breathing activity of the equipment carrier by means of pointer movements.

Due to the possibility of manually operating the blow-off valve, the entire system can be vented when the cylinder valve is closed.

In the standard version, the DM 1900-MPW pressure reducer is equipped with a medium pressure warning device, which is also suitable for compressed air hose devices with continuous volume flow (e.g. hoods and externally ventilated protective suits).

The DM 1900-iMPW pressure reducer with intermittent warning device is particularly suitable for noisy work environments. In addition, this consumes less breathing air for the audible warning signal.

Revision 11.2023 – Errors and omissions excepted. All data are non-binding guide values.

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Pressure reducer DM 1900-MPW, two breathing air couplings AK2	Article-No.: 202369
Pressure reducer DM 1900-MPW, four breathing air couplings AK2	Article-No.: 202370
Pressure reducer DM 1900-iMPW, two breathing air couplings AK2	Article-No.: 200697
Pressure reducer DM 1900-iMPW, four breathing air couplings AK2	Article-No.: 200698

Technical data

Articel Designation	Cylinder pressure reducer DM 1900 according to EN 14593-1 / EN 14594
Version	With pressure jump, which activates the warning device in the regulator, on the equipment mount and on the pressure reducer.
Warning device	Acoustic residual pressure warning (warning whistle), medium pressure (MPW) or intermittent additional warning device (iMPW)
Housing material	brass, matt chrome plated
High pressure manometer	0-400 bar
Medium pressure manometer	0-16 bar
Inlet pressure	max. 300 bar
Outlet pressure at 300bar cylinder pressure	4,5 – 6,2 bar (Operating pressure)
Outlet pressure at < 30bar cylinder pressure	7,0 – 9,0 bar (Residual pressure warning)
Flow rate	max. 1900 l/min
Blow-off valve	Blow-off at >10 bar, full stroke at approx 15 bar
Connection screw fitting	Breathing air G5/8
Outlets	Two or four breathing air couplings

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