

# Datasheet

## Demand type with positive pressure 4500 PL/A



BR-Article-no.: 935153  
Article-name: Compressed air hose unit 4500 PL/A overpressure M 45x3

Article-Art: Basic unit consisting of positive pressure regulator with integrated warning device (function only in connection with pressure reducer DM 1900), threaded connection M 45x3 according to EN 148-3, regulator hose with strain relief and plug-in nipple for breathing air coupling AK2 as well as body harness made of black PP webbing with heavy-duty buckle.



Standard designation: DIN EN 14593-1-2018

Connection: threaded connection M45x3

Description: The demand valve provides the person wearing the breathing apparatus with breathing air in the quantity required. The demand valve is attached to the breathing connection (e.g. full face mask BRK 820).  
Air is supplied via the DZS 9 compressed air supply hose and a suitable compressed air source with breathing air in accordance with DIN EN 12021.

Weight basic unit: approx. 900 grams

Dimensions: largest diameter: approx. 85 mm, stem depth: approx. 85 mm

Materials:	Regulator / LA membrane:	plastic, black / silicone, transparent
	LA hose with plug nipple:	EPDM black / brass, nickel-plated
	Strain relief coupling / barbed fitting:	brass, nickel-plated / stainless steel
	ZE-connector-belt loop:	POM black
	Body strap:	Polypropylene

Working pressure: 5,5 +/- 1 bar

Static overpressure: 2.2 mbar - 3.9 mbar

Marking: BartelsRieger  
JJMM A 001  
Breathing apparatus

JJ = year of manufacture, MM = month of manufacture  
A = overpressure version M45x3  
001 = consecutive number

The strain relief on the body harness is marked with the series designation 4500 PL, the individual part designation "Strain Relief ZE 2/2" and, if applicable, "MDW", the month and year of manufacture, the CE-marking, the European standard with year, the note to observe the operating instructions as well as the complete BartelsRieger company address.

Revision 04.2023 – Errors and omissions excepted. All data are non-binding guide values.

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