

# Datasheet

## Demand type with positive pressure 4500 PL/BN



With Safety.

BR-Article-No.: 935163

Article-Name: Basic unit compressed air hose unit 4500 PL/BN overpressure ESA plug-in connection

Article Type: Basic unit consisting of overpressure demand valve with integrated warning device (function only in connection with pressure reducer DM 1900), standard plug-in connection ESA according to DIN 58600, demand valve hose with strain relief and plug-in nipple for breathing air coupling AK2 as well as body belt made of black webbing PP with heavy-duty buckle



Standard designation: DIN EN 14593-1-2018

Connection: Standard plug-in connection according to DIN 58600

Description: The demand valve provides the person wearing the breathing apparatus with breathing air in the required quantity. The regulator 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 BN 001  
Breathing apparatus

JJ = year of manufacture, MM = month of manufacture  
BN = overpressure version ESA  
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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