

# Certificate

No. Z-111385



Industrie Service

Product type: **Schneider-Druckluft**  
 Area of application: **pipe systems for compressed air supply**

Manufacturer / Supplier: **Schneider Druckluft GmbH**  
**Ferdinand-Lassalle-Str. 43**  
**72770 Reutlingen**

**Vessel duty and test principle:**

According to the Pressure Equipment Directive 2014/68/EU - Article 4 Section 3, the compressed air piping system shall be designed and manufactured in accordance with the sound engineering practice. On the basis of the expected loads, tests were carried out on the piping systems for compressed air supply. The scope of the test and the test results are stated in the test report no. : P-111385.

**Test result:** The piping systems for compressed air supply listed in the table below are available up to the specified max. operating overpressures in the specified temperature ranges safely used.

System components			Area of application	
Connecting systems	Dimensions	Pipe material	max. permissible working overpressure at operation temperatures	
			-20 ≤ +20 °C	+20 ≤ +50 °C
Plug-in system and Clamping ring system	15 x 12 mm	PA (hard) rod	16 bar	11 bar
	18 x 14 mm			
	22 x 18 mm	PA (soft) role	14 bar	11 bar
	28 x 23 mm			
15 x 12 mm	PA black (soft) role	14 bar	11 bar	
18 x 14 mm				
22 x 18 mm	PA black (hard) rod	16 bar	11 bar	
22 x 18 mm				
Clamping ring system	15 x 12 mm	Aluminium	16 bar	16 bar
	18 x 15 mm			
	22 x 18 mm			
	28 x 24 mm			
Clamping ring system	32 x 28 mm	Aluminium	16 bar	16 bar
	40 x 36 mm			
	50 x 46 mm			
	63 x 58 mm			
Plug-in system	15 x 13 mm	Stainless steel V4A	16 bar	16 bar
	22 x 19,6 mm			
Screwing/ clamping system	32 x 26,2 mm	PE-Xa (hard) rod	12 bar	6 bar
	40 x 32,6 mm			
	50 x 40,8 mm			
	63 x 51,4 mm			
Distribution boxes std.	Basic - typ	Top - typ	16 bar	16 bar
	RLD-B 2x1/2i to RLD B 6x1/2i	RLD-T 2x1/2i to RLD-T 4x1/2i		
	RLD-B 4x1i-1/2i			
Distribution boxes midi	Midi - Typ		16 bar	16 bar
	EVM 3/8-1/2	STS LDDM 3/8-2x1/2		
Distribution boxes	Aluminium Boxes -Typ G1"		16 bar	16 bar
Tapping clip	Dimensions	Pipe material	10 bar	6 bar
	LAS 32 to	PE-X (hard) rod		
	LAS 63	PE-X (soft) role		
		Aluminium	10 bar	8 bar

Vacuum at 20 ± 5°C

**Marking of pipelines:**

Article no. / Schneider Druckluft / Material / Pipe dimensions / Pressure and temperature range / Year of manufacture / TÜV certified.

**Special conditions:** For the area of application, assembly and installation of the piping systems, the specifications in test report no. P-111385, the Assembly Instructions and the Planning Manual must be observed.

This certificate is valid only for the listed system components. It becomes invalid for any change in the system components and application areas.

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Expiring date: 06.12.2022

TÜV SÜD Industrie Service GmbH  
 The expert

Volker Kuoni



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