

CERTIFICATE

This certifies, that the company

Sitecna S.r.l. a socio unico
Via Giuseppe Di Vittorio 22
20068 Peschiera Borromeo (MI)
Italy

Is authorized to provide the product mentioned below

Description of product: **Quick exhaust valve series VSR**

In accordance with: **EN 61508:2010 Parts 1, 2, 4, 5, 6, 7**
The product meets also the requirements of standard EN 17955:2024

Registration No 22 23238 01
Test Report No PS-28030-25-M-01
File reference 28030-01



TÜV Nord Italia S.r.l (TÜV NORD Group)
Via Turati, 70 – 20023 Cerro Maggiore (MI) – Italy



www.tuev-nord.it

Validity
from 2025-12-22
until 2028-12-22

Cerro Maggiore, 2025-12-22
prodotto@tuev-nord.it

Type	A
HFT	0
Safety functions	1. De-energize-to-trip operation: to discharge a chamber of a pneumatic actuator
Mode of operation	Low Demand Mode

Random failure rates				
Configuration	Safety function	λ_{DU} [1/h]	λ_{DD} [1/h]	λ_S [1/h]
Series VSR - No PST	1	1,11E-08	0,00E+00	5,18E-08
Series VSR - With PST	1	1,11E-10	1,09E-08	5,18E-08

Systematic capability	3 (Route 1 _S applied)			
Architectural constraints	Route 1_H:	Applied	Route 2_H:	Applied
	The product can be used in: <ul style="list-style-type: none"> • single channel configuration: <ul style="list-style-type: none"> ○ up to SIL 2 without external diagnostic tests ○ up to SIL 3 considering external diagnostic tests • double channel configuration: up to SIL 3 			
Remarks:	<ul style="list-style-type: none"> • For further details, including environmental conditions, limitations of use, lifetime, failure rates traceability, mean repair times, common cause factors and systematic capability constraints, make reference to Safety Manual STC-SM-VSR 			