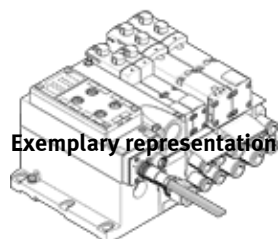# valve terminal
VTSA-ASI-NPT
Part number: 555565

Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Electrical connection	Fieldbus
Electrical I/O system	Yes
Valve terminal type	44
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Ambient temperature	-5 ... 50 °C
Storage temperature	-20 ... 60 °C
Relative air humidity	0 - 90 %
Protection class	IP65
Corrosion resistance classification CRC	0 - No corrosion stress
Operating pressure MPa	-0.09 ... 1 MPa
Operating pressure	-0.9 ... 10 bar
Pilot pressure MPa	0.3 ... 1 MPa
Pilot pressure	3 ... 10 bar
Operating pressure for valve terminal with internal pilot air supply	0.3 ... 1 MPa 3 ... 10 bar 43.5 ... 145 psi
CE mark (see declaration of conformity)	to EU directive for EMC
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
KC mark	KC-EMV
Authorisation	BIA C-Tick c UL us - Recognized (OL)
Materials note	Conforms to RoHS
Valve terminal structure	Modular, valve sizes can be mixed
Type of actuation	electrical
Valve function	2x2/2 closed, monostable 2x3/2 closed, monostable 2x3/2 open, monostable 2x3/2 open/closed, monostable 5/2 bistable 5/2 bistable-dominant 5/2 monostable 5/2-way, monostable safety function 5/3 pressurised 5/3 exhausted 5/3 closed 5/3, port 2 pressurised, 4 exhausted
Design structure	Piston slide
Valve size	18 mm 26 mm 42 mm

Feature	Value
	65 mm
	52 mm
Pilot air supply	external
	Internal
Max. standard nominal flow rate	550 l/min at 18 mm
	1100 l/min at 26 mm
	1300 l/min at 42 mm
	2900 l/min at 52 mm
	4000 l/min at 65 mm
Suitability for vacuum	Yes
Exhaust-air function	Via throttle plate
Signal status display	LED
Nominal operating voltage DC	24 V
Permissible voltage fluctuation	+/- 10 %