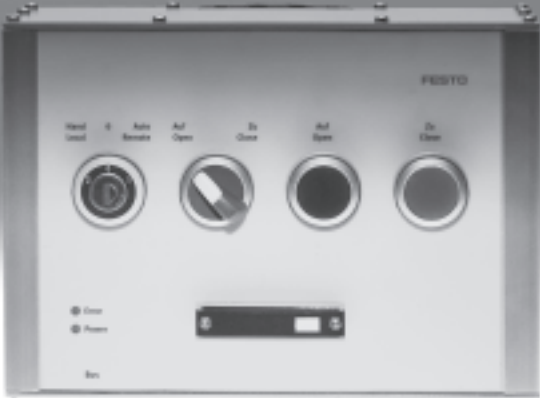


Local controllers DLP-VSE



Do not use for new designs!

- I - Type discontinued

Local controllers DLP-VSE

Technical data

FESTO

This local controller is a convenient manual unit for controlling process actuators. Using a local controller, a pneumatic drive can assume the functionality of an electrical drive.

- Can be mounted directly on the actuator or on a wall
- Emergency compressed air connection
- Safe thanks to its key-operated switch with removable key
- Large, long-life fluorescent display for the open/closed position of the process valve
- Operated on site or remote-controlled



General technical data					
Type	DLP-VSE-2-5/2-C	DLP-VSE-2-5/2-O	DLP-VSE-3-5/3-G	DLP-VSE-3-5/3-G-ASI	DLP-VSE-3-5/3-G-DP
Type of mounting	Via through-holes Via accessories				
Operating pressure [bar]	3 ... 8				
Nominal operating pressure [bar]	6				
Voltage supply [V DC]	20.4 ... 28.8			–	20.4 ... 28.8
Voltage supply with AS-interface [V DC]	–			26.5 ... 31.6	–
Auxiliary voltage supply with AS-interface [V DC]	–			20.4 ... 28.8	–
Max. current consumption [mA]	120			180	
Duty cycle of solenoid coils [%]	100				
Product weight [g]	1,600			1,700	
Protection class	IP65 Plug connector when fully pushed in, or fitted with protective cover				

Operating and environmental conditions	
Operating medium	Compressed air in accordance with ISO 8573-1:2010 [7:4:4]
Note on operating/pilot medium	Operation with lubricated medium possible (in which case lubricated operation will always be required)
Ambient temperature [°C]	–5 ... +50 based on EN 60654-1 class C1 (use in weather-protected areas)
Optional ambient temperature [°C]	–25 ... +55 to EN 60654-1 class C2 (use in weather-protected areas)
Relative air humidity [%]	5 ... 100 condensing
Corrosion resistance class CRC ¹⁾	3
CE mark (see declaration of conformity)	In accordance with EU EMC directive

1) Corrosion resistance class 3 to Festo standard 940 070

Components requiring higher corrosion resistance. External visible parts in direct contact with industrial atmospheres or media such as solvents and cleaning agents, with a predominantly functional requirement for the surface

Materials	
Housing	Wrought aluminium alloy
Cap	Wrought aluminium alloy, anodised
External screws	Galvanised steel
Seals	Nitrile rubber

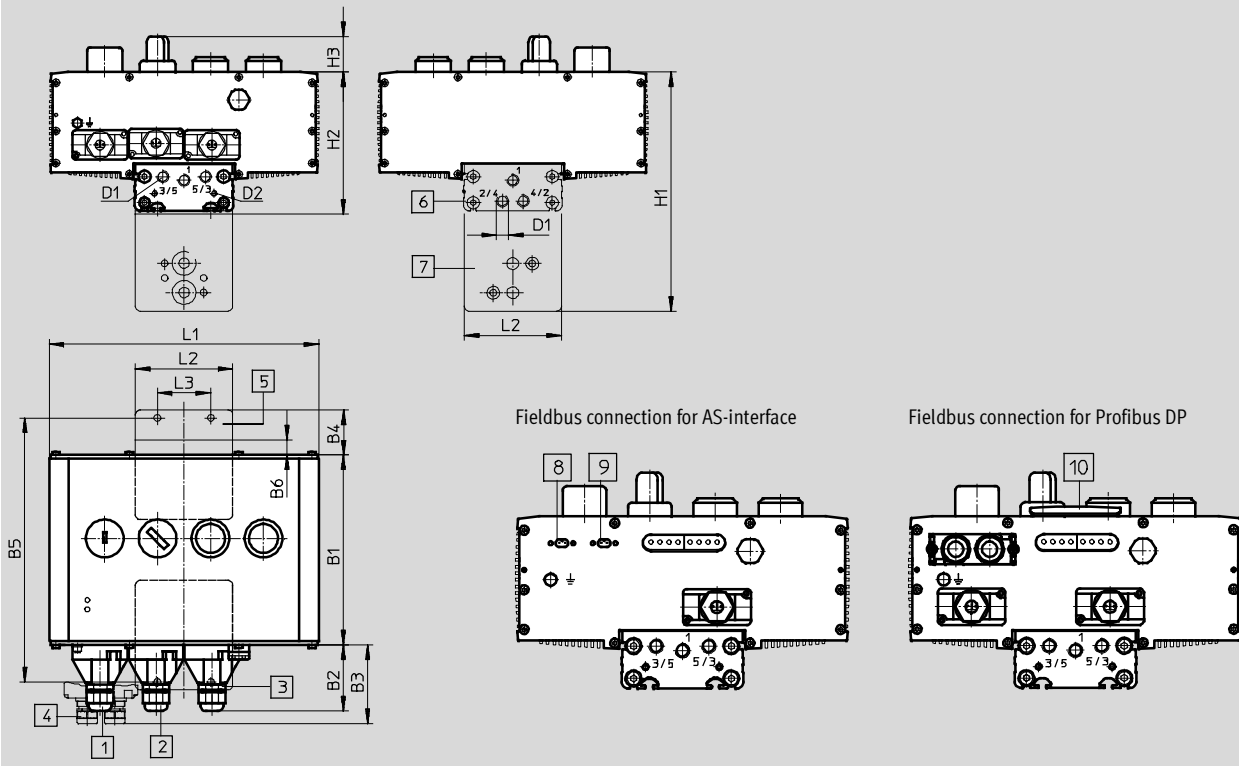
Do not use for new designs!
 - Type discontinued

Local controllers DLP-VSE

Technical data

Dimensions

Download CAD data → www.festo.com



Size	B1	B2	B3	B4	B5	B6	D1	D2	H1	H2	H3	L1	L2	L3
DLP-VSE...	156	54.3	61	36.9	217	12.5	G1/8	M5	196.5	117.2	29	222	80	44

		Standalone		Fieldbus connection	
		PLC		AS-interface	Profibus DP
1	Power supply		■	-	■
2	PLC connection or external controller		■	-	-
3	Limit switch inputs		■	■	■
4	Cable socket for AS-interface Sub-D plug		-	■ Accessories → 5	■ Accessories → 5
5	Mounting kit DLP-VSE-BP for wall mounting		■ Accessories → 5	■ Accessories → 5	■ Accessories → 5
6	Sub-base DLP-VSE-OBEN for wall mounting		■ Accessories → 5	■ Accessories → 5	■ Accessories → 5
7	Sub-base DLP-VSE-OBEN-NAMUR for mounting on the linear actuator DLP		■ Accessories → 5	■ Accessories → 5	■ Accessories → 5
8	Voltage supply with AS-interface		-	■	-
9	AS-interface bus connection		-	■	-
10	Switch cover for Profibus addressing		-	-	■

Do not use for new designs!

- I - Type discontinued

Local controllers DLP-VSE

Technical data

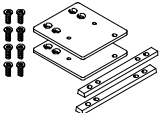

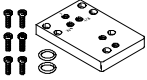








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Ordering data		
Brief description	Part No.	Type
Integrated 5/2-way valve, converted mechanically into a 3/2-way valve, normally closed, by sealing working port 2	188 463	DLP-VSE-2-5/2-C
Integrated 5/2-way valve, converted mechanically into a 3/2-way valve, normally open, by sealing working port 4	188 466	DLP-VSE-2-5/2-O
Integrated 5/3-way valve, normally closed	188 472	DLP-VSE-3-5/3-G
Integrated 5/3-way valve, normally closed, with AS-interface fieldbus connection	188 473	DLP-VSE-3-5/3-G-ASI
Integrated 5/3-way valve, normally closed, with Profibus DP fieldbus connection	188 474	DLP-VSE-3-5/3-G-DP

Local controllers DLP-VSE

Accessories

FESTO

Ordering data				
	Brief description	Part No.	Type	PU ¹⁾
Mounting				
	Mounting kit for wall mounting in conjunction with the sub-base DLP-VSE-OBEN	192 062	DLP-VSE-BP	1
	Sub-base in conjunction with mounting kit DLP-VSE-BP for tubing connection in the direction of the drive	192 061	DLP-VSE-OBEN	1
	Sub-base for mounting on the linear valve actuator DLP	192 060	DLP-VSE-OBEN-NAMUR	1
Fieldbus connection Technical data → Internet: asi, fbs				
	Cable socket for AS-interface	18 785	ASI-SD-FK	1
	Cable socket for AS-interface	196 089	ASI-SD-FK180	1
	Sub-D plug for Profibus DP	532 216	FBS-SUB-9-GS-DP-B	1
Fittings Technical data → Internet: fittings				
	Push-in fitting, male thread with internal hex	153 015	QS-1/8-8-1	1
	Barbed fitting, high-alloy stainless steel with sealing ring	13 967	CRCN-M5-PK-3	1
	Barbed fitting, high-alloy stainless steel with sealing ring	13 970	CRCN-1/8-PK-4	1
	Quick connector, aluminium design with sealing ring for plastic tubing PL, PP, PU	3 561	CK-M5-PK-3	10
	Quick connector, plastic design with moulded-on sealing ring for plastic tubing PL, PP, PU	2 028	CK-1/8-PK-6	10
Silencer Technical data → Internet: u				
	Sintered bronze	4 645	U-M5	10
	Polymer	2 307	U-1/8	1

1) Packaging unit quantity