



- Multiple connectors for control cabinet outlets
- Combination of different connection sizes for terminal plugs and sockets in one multiple connector

Multiple connectors KSV/KDVF

Technical data

FESTO

Multi-plug KSV Multi-socket KDVF

The plug and socket connections are numbered, and a locating lug prevents them from being incorrectly matched during connection. The connector is tightened and secured with a retaining ring. The multi-plug has a half-shell housing and can accommodate a conduit. An additional internal sleeve ensures strain relief for the tubing, and protects it against damage.

-  - Temperature range
-10 ... +60 °C
-  - Operating pressure
-0.95 ... 16 bar



General technical data							
Multi-plug	KSV-5	KSV-8	KSV-16-B	KSV-32-B	KSV6-7	KSV6-12	KSV6-22
Multi-socket	KDVF-5	KDVF-8	KDVF-16-B	KDVF-32-B	KDVF6-7	KDVF6-12	KDVF6-22
Max. connections	5	8	16	32	7	12	22
Pneumatic connection	PK-2				PK-6		
	PK-3						
	PK-4						
Type of mounting	Mounting flange on multi-socket						
Weights [g] (multi-plug with multi-socket)	113	164	287	505	151	229	338

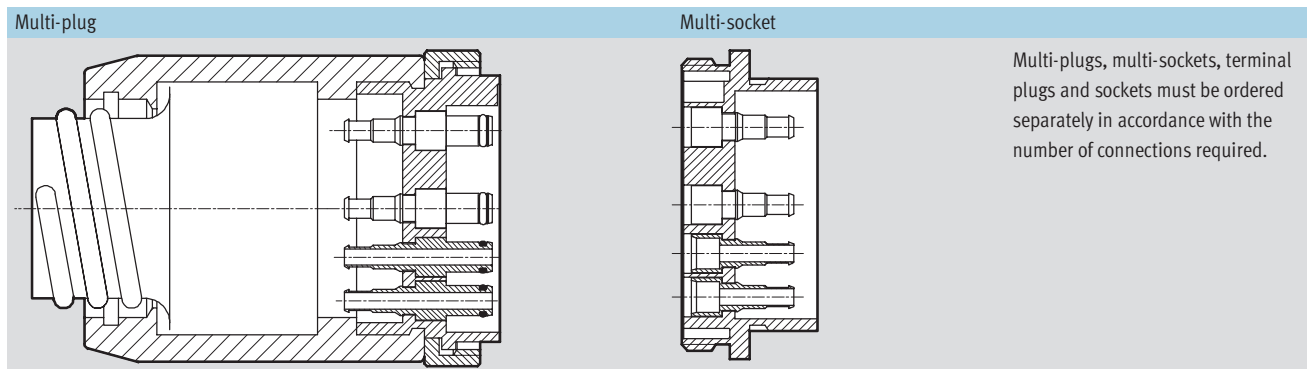
Operating and environmental conditions		
Multi-plug	KSV-...	KSV6-...
Multi-socket	KDVF-...	KDVF6-...
Operating medium	Filtered compressed air, lubricated or unlubricated	
Operating pressure [bar]	-0.95 ... +16 ¹⁾	-0.95 ... +10 ¹⁾
Ambient temperature [°C]	-10 ... +60	-10 ... +60
Corrosion resistance class CRC ²⁾	2	2

1) observe operating range of tubing

2) CRC2: Corrosion resistance class to Festo standard 940 070

Components with medium corrosion exposure. Externally visible components with significant decorative function in direct contact with normal industrial atmosphere or media such as coolants and lubricants.

Materials	
Housing	Polyacetale
Nipple	Brass
Eye nut	Aluminium
Colour	Grey



Multi-plugs, multi-sockets, terminal plugs and sockets must be ordered separately in accordance with the number of connections required.

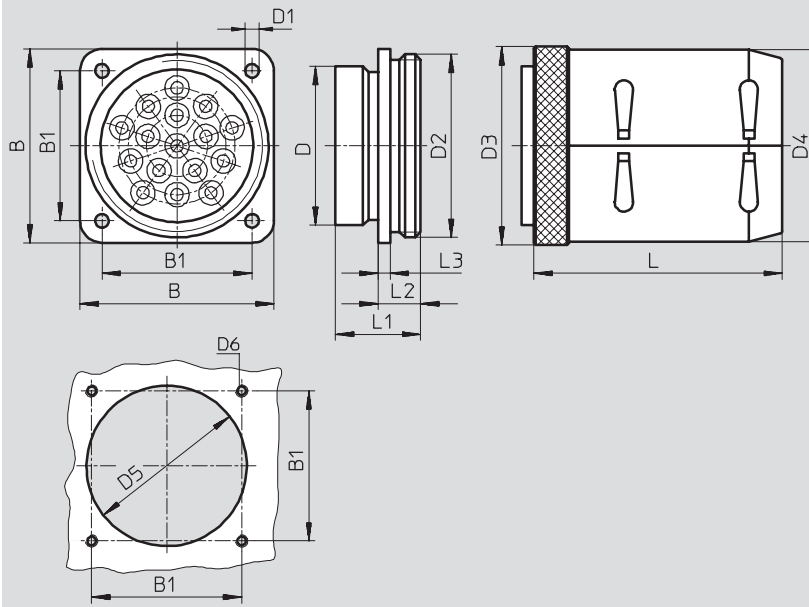
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Dimensions

Download CAD data → www.festo.com/en/engineering



Max. connections	B	B1	D Ø	D1 Ø	D2	D3 Ø	D4 Ø	D5 min. Ø	D6	L	L1	L2	L3
5	41.2	31.7	30	4.5	M36x1.5	42	40	30.5	M4	71	23.5	13.5	3.5
7	50.8	39.6	40	4.5	M45x1.5	50	50	40.5	M4	77	23.5	13.5	3.5
8	50.8	39.6	40	4.5	M45x1.5	50	50	40.5	M4	77	23.5	13.5	3.5
12	63.5	49.2	52	4.5	M60x1.5	65	63	52.5	M4	82	28	14	4
16	63.5	49.2	52	4.5	M60x1.5	65	63	52.5	M4	82	28	14	4
22	82.6	66.6	70	6.6	M80x1.5	88	80	70.5	M6	87	29	15	4
32	82.6	66.6	70	6.6	M80x1.5	88	80	70.5	M6	87	29	15	4

Ordering data

Max. connections	For pneumatic connection	Tubing I.D.	Multi-plug Part No. Type	Multi-socket Part No. Type
5	PK-2	2	7 557 KSV-5	7 562 KDVF-5
8	PK-3	3	7 558 KSV-8	7 563 KDVF-8
16	PK-4	4	7 559 KSV-16-B	7 564 KDVF-16-B
32			7 560 KSV-32-B	7 565 KDVF-32-B
7	PK-6	6	152 506 KSV6-7	152 509 KDVF6-7
12			152 507 KSV6-12	152 510 KDVF6-12
22			152 508 KSV6-22	152 511 KDVF6-22

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Accessories

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Terminal plug KSV
Terminal socket KDVF

 - Operating pressure
0 ... 8 bar

Note on materials KSV-....:
Contains paint-wetting impairment
substances



Dimensions and ordering data				
Pneumatic connection	Weight [g]	Part No.	Type	PU*
Terminal plug				
PK-2	5	33 384	KSV-PK-2	10
PK-3	5	7 215	KSV-PK-3	10
PK-4	5	7 216	KSV-PK-4	10
PK-6	8	117 945	KSV6-PK-6	10
Terminal socket				
PK-2	3	244 937	KDV-PK-2	10
PK-3	3	208 378	KDV-PK-3	10
PK-4	3	208 380	KDV-PK-4	10
PK-6	4	337 348	KDV6-PK-6	10

* Packaging unit quantity