

Electrical connection technology, for multi-pin plug connection

Technical data

Connecting cable

NEBV-S1G25

NEBV-S1G44

- Connecting cable for multi-pin plug connection
- Pre-assembled
- 2.5 m, 5 m or 10 m cable lengths
- 15, 25 or 40 wires
- Sub-D



General technical data			
Type	NEBV-S1G25-...-LE15	NEBV-S1G25-...-LE25	NEBV-S1G44-...-LE39
Type of mounting	4-40UNC		
Nominal operating voltage [V DC]	24		≤30
Acceptable current load at 40 °C [A]	-		0.86
Electrical connection	Cable with plug, Sub-D, 15-pin	Cable with plug, Sub-D, 25-pin	Socket, Sub-D, 44-pin
Cable Ø [mm]	9	10.5	9.6±0.5 mm
Min. cable bending radius [mm]	90	105	95
Protection class to EN 60529	-		IP65

Materials			
Type	NEBV-S1G25-...-LE15	NEBV-S1G25-...-LE25	NEBV-S1G44-...-LE39
Housing	Polybutylene terephthalate		
Union nut	Polyamide		
Seals	Thermoplastic polyolefin elastomer		
Cable sheath	Polyvinyl chloride		
Pin contacts	-		Gold-plated bronze

Operating and environmental conditions			
Ambient temperature [°C]	-		-5 ... +60
Ambient temperature with flexible cable installation [°C]	-5 ... +50		-
Note on materials	RoHS-compliant		

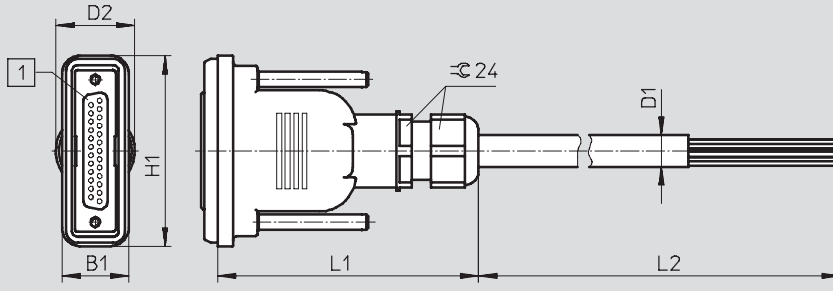
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Dimensions

Download CAD Data → www.festo.com/us/cad



Type	1	B1	D1 ∅	D2 ∅	H1	L1	L2
NEBV-S1G25-K-...-LE25	Sub-D socket, 25-pin	22	10.4	26	62.8	86	Length according to type (2.5 m, 5 m or 10 m)
NEBV-S1G25-K-...-LE15	Sub-D socket, 15-pin		9				
NEBV-S1G44-K-...-LE39	Sub-D socket, 44-pin		9.5				

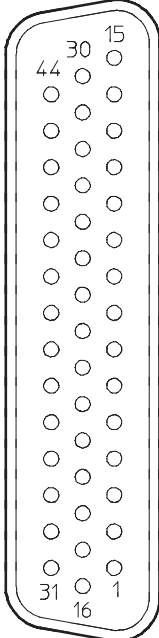
Wiring allocation (socket view)

	NEBV-S1G25-K-...-LE15		NEBV-S1G25-K-...-LE25	
	Pin	Wire colour ¹⁾	Pin	Wire colour ¹⁾
	1	WH	1	WH
	2	BN	2	BN
	3	GN	3	GN
	4	YE	4	YE
	5	GY	5	GY
	6	PK	6	PK
	7	BU	7	BU
	8	RD	8	RD
	9	BK	9	BK
	10	VT	10	VT
	11	GY PK	11	GY PK
	12	RD BU	12	RD BU
	13	-	13	GN WH
	14	-	14	BN GN
	15	-	15	YE WH
	16	-	16	BN YE
	17	-	17	GY WH
	18	-	18	BN GY
	19	-	19	WH PK
	20	-	20	BN PK
	21	-	21	BU WH
	22	-	22	BN BU
	23	GN WH	23	RD WH
	24	BN GN	24	BN RD
	25	YE WH	25	BK WH

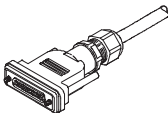
1) To IEC 757

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Wiring allocation (socket view)		NEBV-S1G44-K-...-LE39			
		Pin	Wire colour ¹⁾	Pin	Wire colour ¹⁾
	1	WH	23	WH RD	
	2	BN	24	BN RD	
	3	GN	25	WH BK	
	4	YE	26	BN BK	
	5	GY	27	GY GN	
	6	PK	28	YE GY	
	7	BU	29	PK GN	
	8	RD	30	YE PK	
	9	BK	31	GN BU	
	10	VT	32	YE BU	
	11	GY PK	33	GN RD	
	12	RD BU	34	YE RD	
	13	WH GN	35	GN BK	
	14	BN GN	36	–	
	15	WH YE	37	–	
	16	YE BN	38	–	
	17	WH GY	39	–	
	18	GY BN	40	–	
	19	WH PK	41	YE BK	
	20	PK BN	42	GY BU	
	21	WH BU	43	PK BU	
	22	BN BU	44	GY RD	

1) To IEC 757

Ordering data					
	Cable composition [mm ²]	Product weight [g]	Cable length [m]	Part No.	Type
	15x0.34	370	2.5	538222	NEBV-S1G25-K-2,5-N-LE15
	15x0.34	670	5	538223	NEBV-S1G25-K-5-N-LE15
	15x0.34	1,270	10	538224	NEBV-S1G25-K-10-N-LE15
	20x0.25 + 5x0.34	490	2.5	538225	NEBV-S1G25-K-2,5-N-LE25
	20x0.25 + 5x0.34	910	5	538226	NEBV-S1G25-K-5-N-LE25
	20x0.25 + 5x0.34	1,750	10	538227	NEBV-S1G25-K-10-N-LE25
	40x0.14	389	2.5	565289	NEBV-S1G44-K-2,5-N-LE39
	40x0.14	737	5	565290	NEBV-S1G44-K-5-N-LE39
	40x0.14	1,432	10	565291	NEBV-S1G44-K-10-N-LE39

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