

Electrical connection technology, for multi-pin plug connection

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Technical data – NEBV-S1G25-...

- Connecting cable for multi-pin plug connection
- Pre-assembled
- Cable lengths 2.5 m, 5 m or 10 m
- 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 diameter		[mm]	9		10.5	9.5
Min. cable bending radius		[mm]	90		105	95
Protection class to EN 60529		–				IP65
Materials	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		

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

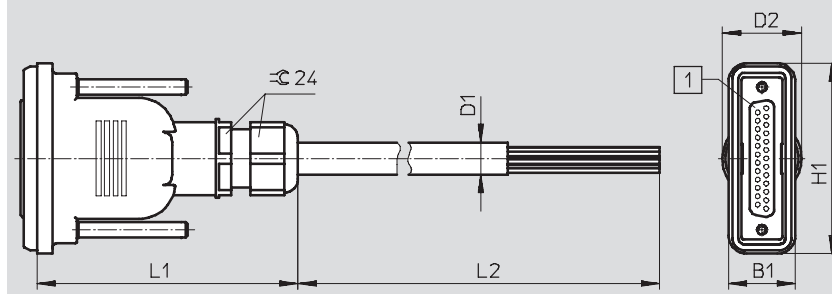
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Dimensions

Download CAD data → www.festo.com



Type	1	B1	D1 Ø	D2 Ø	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				

Circuitry (view of socket)

	NEBV-S1W25-K-...-LE15			NEBV-S1W25-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

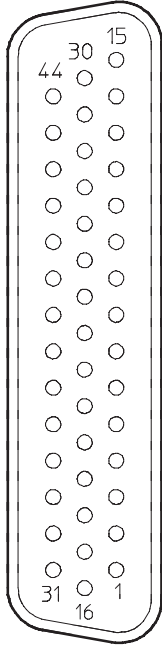
1) To IEC 757

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Circuitry (view of socket)

	NEBV-S1W44-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