

# Electrical connection technology, for multi-pin plug connection

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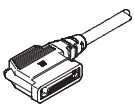
Technical data – NEBV-S1W25-...

- Connecting cable for multi-pin plug connection
- Pre-assembled
- Cable lengths 2.5 m, 5 m or 10 m
- 18, 25 or 40 wires
- Sub-D



General technical data				
Type	NEBV-S1W25-...-LE15		NEBV-S1W25-...-LE25	NEBV-S1W44-...-LE39
Type of mounting	4-40UNC			
Nominal operating voltage	[V DC]	≤24		
Acceptable current load at 40 °C	[A]	2.95	1.64	0.86
Electrical connection		Socket, Sub-D, 25-pin	Socket, Sub-D, 25-pin	Socket, Sub-D, 44-pin
Cable diameter	[mm]	9.5	9.9	8.9
Protection class to EN 60529	IP65			
Materials	Housing	Thermoplastic elastomer		
	Cable sheath	Polyvinyl chloride		
	Pin contacts	Gold-plated bronze		

Operating and environmental conditions		
Ambient temperature	[°C]	−40 ... +80
Ambient temperature with flexible cable installation	[°C]	−5 ... +80

Ordering data					
	Cable composition [mm <sup>2</sup> ]	Product weight [g]	Cable length [m]	Type	Part No.
	18x0.34	500	2.5	NEBV-S1W25-K-2.5-N-LE15	565280
	18x0.34	850	5	NEBV-S1W25-K-5-N-LE15	565281
	18x0.34	1,580	10	NEBV-S1W25-K-10-N-LE15	565282
	25x0.25	520	2.5	NEBV-S1W25-K-2.5-N-LE25	565283
	25x0.25	850	5	NEBV-S1W25-K-5-N-LE25	565284
	25x0.25	1,500	10	NEBV-S1W25-K-10-N-LE25	565285
	40x0.14	490	2.5	NEBV-S1W44-K-2.5-N-LE39	565286
	40x0.14	850	5	NEBV-S1W44-K-5-N-LE39	565287
	40x0.14	1,530	10	NEBV-S1W44-K-10-N-LE39	565288

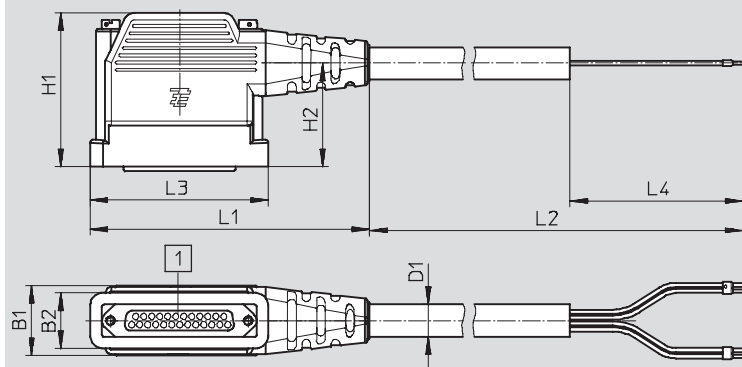
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## Dimensions

Download CAD data → [www.festo.com](http://www.festo.com)



Type	1 Number of pins	B1	B2	D1 Ø	H1	H2	L1	L2	L3
NEBV-S1W25-K-...-LE25	25	24	19	9.5	52.7	35.5	95.5	Length according to type (2.5 m, 5 m or 10 m)	61
NEBV-S1W25-K-...-LE15				9.9					
NEBV-S1W44-K-...-LE39				8.9					

## Circuitry (view of socket)

	NEBV-S1W25-K-...-LE15			NEBV-S1W25-K-...-LE25	
	Pin	Wire colour <sup>1)</sup>		Pin	Wire colour <sup>1)</sup>
	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

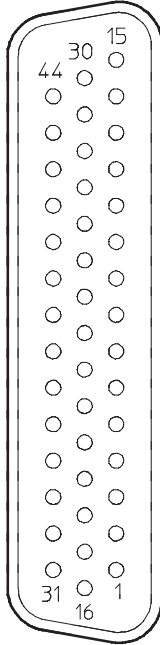
1) To IEC 757

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Technical data – NEBV-S1W25-...

Circuitry (view of socket)

	NEBV-S1W44-K-...-LE39				
	Pin	Wire colour <sup>1)</sup>		Pin	Wire colour <sup>1)</sup>
	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

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