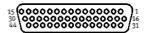
## connecting cable NEBV-S1G44-K-5-N-LE44-S6 Part number: 575114







## **Data sheet**

Based on the standard  Cable identification  Cable identification  Connection frequency  50  Product weight  Electrical connection 1, function  Electrical connection 1, design  Angular  Electrical connection 1, connection type  Electrical connection 1, tope of mounting  Electrical connection 1, tope of mounting  2 screws 4-40 UNC  Electrical connection 1, type of mounting  2 screws 4-40 UNC  Electrical connection 1, connection type  Electrical connection 2, connection type  Cable  Electrical connection 2, connection type  Electrical connection 2, connection type  Electrical connection 2, connection type  Electrical connection 2, connection plywires  44  Electrical connection 2, connection plywires  45  Electrical connection 2, connection plywires  46  Electrical connection 2, connection plywires  47  Electrical connection 2, connection plywires  48  Electrical connection 2, connection plywires  49  Electrical connection 2, connection plywires  40  Electrical connection 2, connection plyw	Feature	Value
Connection frequency   50	Based on the standard	DIN 47100
Product weight   S30 g     Electrical connection 1, function   Field device side     Electrical connection 1, design   Angular     Electrical connection 1, connection type   Plug socket     Electrical connection 1, cable outlet   Straight     Electrical connection 1, connection technology   Sub-D     Electrical connection 1, number of pins/wires   44     Electrical connection 1, occupied pins/wires   44     Electrical connection 1, pocupied pins/wires   44     Electrical connection 1, pocupied pins/wires   44     Electrical connection 1, pocupied pins/wires   44     Electrical connection 2, function   Controller side     Electrical connection 2, connection type   Cable     Electrical connection 2, connection type   Cable     Electrical connection 2, connection type   Qpen end     Electrical connection 2, counted pins/wires   44     Electrical connection 2, counted pins/wires   44     Qperating voltage range DC   O 30 V     Acceptable current load at 40°C   O.86 A     Surge strength   Q.4 kV     Polarity protected   Yes     Cable length   S m     Cable attribute   Standard     Test conditions of cable   Test conditions on request     Bending radius, fixed cable installation   >= 42 mm     Bending radius, fixed cable installation   >= 126 mm     Cable diameter   O.12 mm     Cable diameter tolerance   ± 0,3 mm     Cable diameter tolerance	Cable identification	Without inscription label holder
Electrical connection 1, function Electrical connection 1, design Electrical connection 1, connection type Plug socket Electrical connection 1, connection type Electrical connection 1, connection type Electrical connection 1, connection tehnology Electrical connection 1, connection tehnology Electrical connection 1, occupied pins/wires 44 Electrical connection 1, type of mounting 2 screws 4-40 UNC Electrical connection 1, type of mounting Controller side Electrical connection 2, connection type Cable Electrical connection 2, connection type Cable Electrical connection 2, connection type Cable Electrical connection 2, connection technology Open end Electrical connection 2, connection technology Open end Electrical connection 2, control to the co	Connection frequency	50
Electrical connection 1, design Electrical connection 1, connection type Electrical connection 1, connection type Electrical connection 1, connection technology Sub-D Electrical connection 1, number of pins/wires Electrical connection 1, number of pins/wires 44 Electrical connection 1, occupied pins/wires 44 Electrical connection 1, type of mounting 2 screws 4-40 UNC Electrical connection 2, function Electrical connection 2, function Electrical connection 2, function Electrical connection 2, connection type Cable Electrical connection 2, connection type Electrical connection 2, number of pins/wires 44 Electrical connection 2, number of pins/wires Electrical connection 2, occupied pins/wires Electrical connection 2, number of pins/wires Electrical c	Product weight	830 g
Electrical connection 1, design Electrical connection 1, connection type Electrical connection 1, connection type Electrical connection 1, connection technology Sub-D Electrical connection 1, number of pins/wires Electrical connection 1, number of pins/wires 44 Electrical connection 1, occupied pins/wires 44 Electrical connection 1, type of mounting 2 screws 4-40 UNC Electrical connection 2, function Electrical connection 2, function Electrical connection 2, function Electrical connection 2, connection type Cable Electrical connection 2, connection type Electrical connection 2, number of pins/wires 44 Electrical connection 2, number of pins/wires Electrical connection 2, occupied pins/wires Electrical connection 2, number of pins/wires Electrical c	Electrical connection 1, function	Field device side
Electrical connection 1, cable outlet Electrical connection 1, connection technology Sub-D Electrical connection 1, unwher of pins/wires 44 Electrical connection 1, unwher of pins/wires 44 Electrical connection 1, type of mounting 2 screws 4-40 UNC Electrical connection 2, function Controller side Electrical connection 2, connection type Cable Electrical connection 2, connection type Electrical connection 2, connection technology Open end Electrical connection 2, connection technology Open end Electrical connection 2, cocupied pins/wires 44 Electrical connection 2, occupied pins/wires 44 Operating voltage range DC O30 V Acceptable current load at 40°C O.86 A Surge strength Ves Surge strength 5 m Cable altribute Test conditions of cable Erest conditions of cable Erest conditions of cable Ending radius, fixed cable installation Ending radius, fixed cable installation Ending radius, fixed cable installation Delectrical conditions of cable Ending radius, fixed cable installation Delectrical conditions Ending radius, fixed cable installation Delectrical conditions Ending radius, fixed cable installation Delectrical conditions Ending radius, fixed cable installation Ending radius, fixed cable installation Delectrical conditions Ending radius, fixed cable installation Electrical connection 2, control type Electrical	Electrical connection 1, design	Angular
Electrical connection 1, connection technology Electrical connection 1, number of pins/wires Electrical connection 1, type of mounting 2 screws 4-40 UNC Electrical connection 2, function Electrical connection 2, function Electrical connection 2, function Electrical connection 2, connection type Electrical connection 2, connection type Electrical connection 2, connection type Electrical connection 2, connection technology Open end Electrical connection 2, connection technology Electrical connection 2, connection technology Open end Electrical connection 2, coupled pins/wires 44 Operating voltage range DC 030 V Acceptable current load at 40°C 0.86 A Surge strength 2.4 kV Polarity protected Yes Cable length 5 m Cable attribute Standard Test conditions of cable Fest conditions of cable Ending radius, fixed cable installation Pending radius, fixed cable installation Pending radius, flexible cable installation Dending radius, flexible cable installation Dending radius, flexible cable installation Cable diameter Cable diameter Cable diameter tolerance 44x0,14 Nominal conductor cross-section 0.14 mm2 Wire ends Cut off bluntly Protection class IP40 Note on degree of protection Ambient temperature -35 80 °C Storage temperature with flexible cable installation -5 80 °C Storage temperature -25 75 °C Materials note Conforms to RoHS	Electrical connection 1, connection type	Plug socket
Electrical connection 1, number of pins/wires Electrical connection 1, occupied pins/wires Electrical connection 1, type of mounting 2 screws 4-40 UNC Electrical connection 2, function Controller side Electrical connection 2, connection type Cable Electrical connection 2, connection technology Open end Electrical connection 2, number of pins/wires 44 Electrical connection 2, occupied pins/wires 44 Operating voltage range DC 0 30 V Acceptable current load at 40°C 0.86 A Surge strength 2.4 kV Polarity protected Yes Cable length 5 m Cable attribute Standard Test conditions of cable Bending radius, fixed cable installation Ending radius, fixed cable installation Ending radius, fixed cable installation Ending radius, fixed cable installation Deadle diameter Cable diameter tolerance 4 0,3 mm Cable diameter tolerance 4 44X0,14 Nominal conductor cross-section 0.14 mm2 Wire ends Cut off bluntly Protection class Note on degree of protection Ambient temperature  -35 80 °C Ambient temperature -25 75 °C Materials note Degree of contamination  2	Electrical connection 1, cable outlet	Straight
Electrical connection 1, occupied pins/wires Electrical connection 1, type of mounting Electrical connection 2, function Electrical connection 2, connection type Cable Electrical connection 2, connection type Electrical connection 2, connection type Electrical connection 2, connection technology Open end Electrical connection 2, number of pins/wires Electrical connection 2, occupied pins/wires Electrical connection 2, occupied pins/wires University of the service of	Electrical connection 1, connection technology	Sub-D
Electrical connection 1, type of mounting  Electrical connection 2, function  Electrical connection 2, contection type  Electrical connection 2, connection type  Electrical connection 2, connection technology  Open end  Electrical connection 2, number of pins/wires  44  Electrical connection 2, occupied pins/wires  44  Electrical connection 2, occupied pins/wires  44  Operating voltage range DC  0 30 V  Acceptable current load at 40°C  Surge strength  2.4 kV  Polarity protected  Cable length  5 m  Cable attribute  Test conditions of cable  Bending radius, fixed cable installation  Bending radius, fixed cable installation  Bending radius, flexible cable installation  bending radius, flexible cable installation  Cable diameter  10.2 mm  Cable diameter  Cable diameter tolerance  44x0,14  Nominal conductor cross-section  O.14 mm2  Wire ends  Cut off bluntly  Protection class  IP40  Note on degree of protection  Ambient temperature  4.25 80 °C  Ambient temperature with flexible cable installation  2 conforms to RoHS  Degree of contamination	Electrical connection 1, number of pins/wires	44
Electrical connection 2, function Electrical connection 2, connection type Electrical connection 2, connection technology Electrical connection 2, number of pins/wires Electrical connection 2, number of pins/wires 44  Electrical connection 2, occupied pins/wires 44  Operating voltage range DC  Acceptable current load at 40°C  Surge strength  Polarity protected  Cable length  5 m  Cable attribute Fest conditions of cable Bending radius, fixed cable installation  Per 126 mm  Eable diameter  Cable diameter  Cable diameter tolerance  Cable structure  44×0,14  Nominal conductor cross-section  Note on degree of protection  Ambient temperature  Mire ends  Posser  Canforms to RoHS  Degree of contamination  Capter Contention 10 Den  Cable diameter  Carbon in assembled condition  In assembled condition  Ambient temperature  Capter at the first blant and the conforms to RoHS  Degree of contamination	Electrical connection 1, occupied pins/wires	44
Electrical connection 2, function Electrical connection 2, connection type Electrical connection 2, connection technology Electrical connection 2, number of pins/wires Electrical connection 2, number of pins/wires 44  Electrical connection 2, occupied pins/wires 44  Operating voltage range DC  Acceptable current load at 40°C  Surge strength  Polarity protected  Cable length  5 m  Cable attribute Fest conditions of cable Bending radius, fixed cable installation  Per 126 mm  Eable diameter  Cable diameter  Cable diameter tolerance  Cable structure  44×0,14  Nominal conductor cross-section  Note on degree of protection  Ambient temperature  Mire ends  Posser  Canforms to RoHS  Degree of contamination  Capter Contention 10 Den  Cable diameter  Carbon in assembled condition  In assembled condition  Ambient temperature  Capter at the first blant and the conforms to RoHS  Degree of contamination	Electrical connection 1, type of mounting	2 screws 4-40 UNC
Electrical connection 2, connection technology Electrical connection 2, number of pins/wires 44 Electrical connection 2, occupied pins/wires 44 Operating voltage range DC 030 V Acceptable current load at 40°C 0.86 A Surge strength 2.4 kV Polarity protected Yes Cable length 5 m Cable attribute Test conditions of cable Bending radius, fixed cable installation Bending radius, fixed cable installation Dealth diameter Cable diameter Cable diameter 10.2 mm Cable diameter 10.2 mm Cable diameter colerance 44x0,14 Nominal conductor cross-section Wire ends Cut off bluntly Protection class IP40 Note on degree of protection Ambient temperature Ambient temperature Ambient temperature Auterials note Conforms to RoHS Degree of contamination		Controller side
Electrical connection 2, number of pins/wires 44  Electrical connection 2, occupied pins/wires 44  Operating voltage range DC 030 V  Acceptable current load at 40°C 0.86 A  Surge strength 2.4 kV  Polarity protected Yes  Cable length 5 m  Cable attribute Standard  Test conditions of cable Test conditions on request Electronic Installation 2= 42 mm  Bending radius, fixed cable installation 2= 126 mm  Cable diameter 10.2 mm  Cable diameter 10.2 mm  Cable diameter cloerance ± 0,3 mm  Cable structure 44x0,14  Nominal conductor cross-section 0.14 mm2  Wire ends Cut off bluntly  Protection class IP40  Note on degree of protection in assembled condition  Ambient temperature 4.5 80 °C  Ambient temperature with flexible cable installation -2.5 80 °C  Materials note Conforms to RoHS  Degree of contamination 2	Electrical connection 2, connection type	Cable
Electrical connection 2, occupied pins/wires  44  Operating voltage range DC  Acceptable current load at 40°C  Surge strength  2.4 kV  Polarity protected  Cable length  5 m  Cable attribute  Test conditions of cable  Bending radius, fixed cable installation  Bending radius, fixed c	Electrical connection 2, connection technology	Open end
Operating voltage range DC       0 30 V         Acceptable current load at 40°C       0.86 A         Surge strength       2.4 kV         Polarity protected       Yes         Cable length       5 m         Cable attribute       Standard         Test conditions of cable       Test conditions on request         Bending radius, fixed cable installation       >= 42 mm         Bending radius, flexible cable installation       >= 126 mm         Cable diameter       10.2 mm         Cable diameter tolerance       ± 0,3 mm         Cable structure       44x0,14         Nominal conductor cross-section       0.14 mm2         Wire ends       Cut off bluntly         Protection class       IP40         Note on degree of protection       in assembled condition         Ambient temperature       -35 80 °C         Ambient temperature with flexible cable installation       -5 80 °C         Storage temperature       -25 75 °C         Materials note       Conforms to RoHS         Degree of contamination       2		44
Acceptable current load at 40°C  Surge strength  2.4 kV  Polarity protected  Yes  Cable length  5 m  Cable attribute  Test conditions of cable  Bending radius, fixed cable installation  Bending radius, flexible cable installation  Cable diameter  Cable diameter  Cable diameter tolerance  2.0,3 mm  Cable structure  44x0,14  Nominal conductor cross-section  Note on degree of protection  Ambient temperature  Ambient temperature  Attribute  10.86 A  2.4 kV  Possible visual visu	Electrical connection 2, occupied pins/wires	44
Surge strength  2.4 kV  Polarity protected  Yes  Cable length  5 m  Cable attribute  Standard  Test conditions of cable  Bending radius, fixed cable installation  Bending radius, flexible cable installation  Eable diameter  Cable diameter  Cable diameter tolerance  Cable structure  Adwo,14  Nominal conductor cross-section  Wire ends  Cut off bluntly  Protection class  IP40  Note on degree of protection  Ambient temperature  Ambient temperature  -25 80 °C  Storage temperature  Cande attribute  Yes  Standard  Test conditions on request  Standard  Test conditions on request  At mm  10.2 mm  10.2 mm  44.0,14  Nominal conductor cross-section  O.14 mm2  Cut off bluntly  Protection class  IP40  Note on degree of protection  Ambient temperature  -35 80 °C  Ambient temperature with flexible cable installation  -5 80 °C  Storage temperature  -25 75 °C  Materials note  Conforms to RoHS  Degree of contamination	Operating voltage range DC	0 30 V
Polarity protected  Cable length  5 m  Cable attribute  Standard  Test conditions of cable  Bending radius, fixed cable installation  Bending radius, flexible cable installation  Bending radius, flexible cable installation  Cable diameter  Cable diameter  Cable diameter tolerance  \$\pmathrm{\frac{\pmathrm{\pmat	Acceptable current load at 40°C	0.86 A
Cable length5 mCable attributeStandardTest conditions of cableTest conditions on requestBending radius, fixed cable installation>= 42 mmBending radius, flexible cable installation>= 126 mmCable diameter10.2 mmCable diameter tolerance± 0,3 mmCable structure44x0,14Nominal conductor cross-section0.14 mm2Wire endsCut off bluntlyProtection classIP40Note on degree of protectionin assembled conditionAmbient temperature-35 80 °CAmbient temperature with flexible cable installation-5 80 °CStorage temperature-25 75 °CMaterials noteConforms to RoHSDegree of contamination2	Surge strength	2.4 kV
Cable attribute       Standard         Test conditions of cable       Test conditions on request         Bending radius, fixed cable installation       >= 42 mm         Bending radius, flexible cable installation       >= 126 mm         Cable diameter       10.2 mm         Cable diameter tolerance       ± 0,3 mm         Cable structure       44x0,14         Nominal conductor cross-section       0.14 mm2         Wire ends       Cut off bluntly         Protection class       IP40         Note on degree of protection       in assembled condition         Ambient temperature       -35 80 °C         Ambient temperature with flexible cable installation       -5 80 °C         Storage temperature       -25 75 °C         Materials note       Conforms to RoHS         Degree of contamination       2	Polarity protected	Yes
Test conditions of cable  Bending radius, fixed cable installation  Bending radius, flexible cable installation  Cable diameter  Cable diameter  Cable diameter tolerance  Cable structure  Auxo,14  Nominal conductor cross-section  Wire ends  Cut off bluntly  Protection class  IP40  Note on degree of protection  Ambient temperature  Ambient temperature with flexible cable installation  Storage temperature  Cable structure  Cable structure  Ambient temperature  Cut off bluntly  From the condition  Ambient temperature  Cut off bluntly  Cut off blun	Cable length	5 m
Bending radius, fixed cable installation  Bending radius, flexible cable installation  Cable diameter  Cable diameter tolerance  tol	Cable attribute	Standard
Bending radius, flexible cable installation  Cable diameter  Cable diameter tolerance  ± 0,3 mm  Cable structure  44x0,14  Nominal conductor cross-section  O.14 mm2  Wire ends  Cut off bluntly  Protection class  IP40  Note on degree of protection  Ambient temperature  Ambient temperature with flexible cable installation  Storage temperature  Toda of many and ma	Test conditions of cable	Test conditions on request
Cable diameter 10.2 mm  Cable diameter tolerance ± 0,3 mm  Cable structure 44x0,14  Nominal conductor cross-section 0.14 mm2  Wire ends Cut off bluntly  Protection class IP40  Note on degree of protection in assembled condition  Ambient temperature -35 80 °C  Ambient temperature with flexible cable installation -5 80 °C  Storage temperature -25 75 °C  Materials note Conforms to RoHS  Degree of contamination 2	Bending radius, fixed cable installation	>= 42 mm
Cable diameter tolerance ± 0,3 mm  Cable structure 44x0,14  Nominal conductor cross-section 0.14 mm2  Wire ends Cut off bluntly  Protection class IP40  Note on degree of protection in assembled condition  Ambient temperature -35 80 °C  Ambient temperature with flexible cable installation -5 80 °C  Storage temperature -25 75 °C  Materials note Conforms to RoHS  Degree of contamination 2	Bending radius, flexible cable installation	>= 126 mm
Cable structure 44x0,14  Nominal conductor cross-section 0.14 mm2  Wire ends Cut off bluntly  Protection class IP40  Note on degree of protection in assembled condition  Ambient temperature -35 80 °C  Ambient temperature with flexible cable installation -5 80 °C  Storage temperature -25 75 °C  Materials note Conforms to RoHS  Degree of contamination 2	Cable diameter	10.2 mm
Nominal conductor cross-section  Wire ends  Cut off bluntly  Protection class  IP40  Note on degree of protection  Ambient temperature  -35 80 °C  Ambient temperature with flexible cable installation  Storage temperature  -25 75 °C  Materials note  Degree of contamination  0.14 mm2  Cut off bluntly  IP40  In assembled condition  -35 80 °C  -5 80 °C  Conforms to ROHS  Degree of contamination	Cable diameter tolerance	± 0,3 mm
Wire ends Cut off bluntly Protection class IP40 Note on degree of protection in assembled condition Ambient temperature -35 80 °C Ambient temperature with flexible cable installation -5 80 °C Storage temperature -25 75 °C Materials note Conforms to RoHS Degree of contamination 2	Cable structure	44x0,14
Protection class IP40  Note on degree of protection in assembled condition  Ambient temperature -35 80 °C  Ambient temperature with flexible cable installation -5 80 °C  Storage temperature -25 75 °C  Materials note Conforms to RoHS  Degree of contamination 2	Nominal conductor cross-section	0.14 mm2
Note on degree of protection  Ambient temperature  -35 80 °C  Ambient temperature with flexible cable installation  -5 80 °C  Storage temperature  -25 75 °C  Materials note  Conforms to RoHS  Degree of contamination  2	Wire ends	Cut off bluntly
Ambient temperature -35 80 °C  Ambient temperature with flexible cable installation -5 80 °C  Storage temperature -25 75 °C  Materials note Conforms to RoHS  Degree of contamination 2	Protection class	IP40
Ambient temperature with flexible cable installation -5 80 °C  Storage temperature -25 75 °C  Materials note Conforms to RoHS  Degree of contamination 2	Note on degree of protection	in assembled condition
Storage temperature-25 75 °CMaterials noteConforms to RoHSDegree of contamination2	Ambient temperature	-35 80 °C
Materials note Conforms to RoHS  Degree of contamination 2	Ambient temperature with flexible cable installation	
Degree of contamination 2	Storage temperature	-25 75 °C
	Materials note	Conforms to RoHS
Corrosion resistance classification CRC	Degree of contamination	2
	Corrosion resistance classification CRC	0 - No corrosion stress
Material cable sheath PVC		PVC
Cable sheath colour Grey		
Material housing Reinforced PC		
Housing colour Black		
Material screws Nickel-plated brass		Nickel-plated brass
Material electrical contact  Bronze  Gold plated	Material electrical contact	
Material insulation PVC	Material insulation	