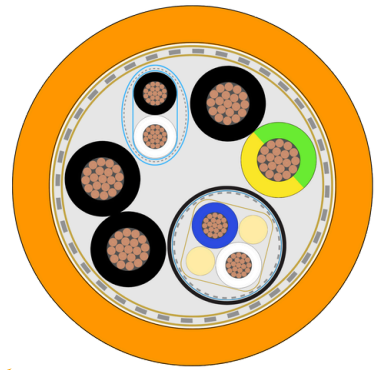




SERVO KEBA

KEBADSL16PUR

AWM Style 21223 (80°C / 1000V)



General Construction



Conductor:

4xAWG16

stranded bare copper wire 0,15mm; nom. 1,5mm² - AWG16; nominal diameter 1,5mm. Lay agree with UL 758 tab 5,9; conform to EN 13602 - ETP1, DIN 40500 E-Cu 58

1x2xAWG22

stranded bare copper wire 0,15mm; nom. 0,34mm² - AWG22; nominal diameter 0,75mm. Lay agree with UL 758 tab 5,9; conform to EN 13602 - ETP1, DIN 40500 E-Cu 58

1x2xAWG19

stranded bare copper wire 0,15mm; nom. 0,75mm² - AWG19; nominal diameter 1,2mm. Lay agree with UL 758 tab 5,9; conform to EN 13602 - ETP1, DIN 40500 E-Cu 58



Insulation:

4xAWG16 polyolefin compound; nominal diameter 2,4mm

1x2xAWG22 foam polyolefin compound; nominal diameter 2,0mm

1x2xAWG19 polyolefin compound; nominal diameter 2,0mm



Color case:

4xAWG16 black printed (U/L1/C/L+) - (V/L2) - (W/L3/D/L-) + green/yellow

1x2xAWG22 white – blue




1x2xAWG19 white – black

Assembly:






1x2xAWG22 two cores twisted with solid filler in gap

1x2xAWG19 two cores twisted to a pair


4x16AWG + 1x(2x22AWG) + 1x(2x19AWG) stranded together around a central fibrous filler; if necessary other fillers could be used for a better roundness.

-  **Shield:** **1x2xAWG22** braid type; tin copper wire; nominal optical coverage 85% + bi-aluminized; nonwovens tape over braid screen
1x2xAWG19 braid type; tin copper wire; nominal optical coverage 85%
Braid type; tin copper wire; nominal optical coverage 85%
-  **Protective Tape:** **1x2xAWG22** tape over assembly + tape over tape screen
1x2xAWG19 tape under and over screen
Tape under and over total screen
-  **Sheath:** **1x2xAWG22** polyolefin compound; nominal diameter 5,3mm; colour black
Outer sheath: PUR (ether base), 90 ShA; diameter 13,0 ±0,30mm
Colour: orange similar RAL 2003; conform to UL AWM Style 21223



Technical data

-  **Nominal Voltage:** 1000Vrms
-  **Test Voltage:** 3000 Vac (C/C) (AWG16)
2000 C/C (AWG19)
500 C/C (AWG22)
-  **Temperature:** -40°C to +80°C (Fixed) - 20°C to +80°C (Flexible)
- Electric Resistance:** (AWG16): 13,0 Ω/Km (IEC 60344)
(AWG19): 27,7 Ω/Km (IEC 60344)
(AWG22): 62,4 Ω/Km (IEC 60344)
-  **Oil Resistance:** According to UL758
-  **Flame Resistance:** UL Cable Flame Test; UL VW-1, CSA FT1; IEC 60332-1-2
- Capacity (AWG22):** 45 ±15 pF/m (800-1000Hz)
- Impedance (AWG22):** 110 ±11 Ω

Movement Data

- Bending:** up to 5 Mio
-  **Bending radius:** 5 x D (Fixed) - 7,5 x D (Flexible)

Approval

-  Halogen-free: CEI EN 60754-1 / VDE 0482-754-1
-  UV-resistant UL 1581 - Silicone, Pb, FCKW free

Name	Cable type	Ø mm	Tolerance
KEBADSL16PUR	4 x 1,5 + 1 x (2 x 0,75) + 1 x (2 x 0,34)	13,0	±0,30 mm

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