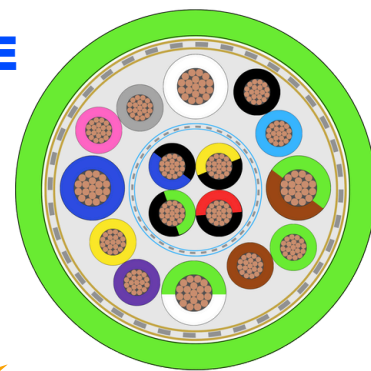




FEEDBACK MOBILE HEIDENHAIN



SS4X0,14+4X(2X0,14)+4X0,50C PUR

According to HEIDENHAIN®

AWM Style 20233 (80°C / 300V)



General Construction



Conductor:

1x(4xAWG26)

stranded tin copper wire (Class 6); nom. 0,14mm² - AWG26; nominal diameter 0,50mm; VDE 0295. Lay agree with UL 758 tab 5,9; conform to EN 13602 - ETP1, DIN 40500 E-Cu 58

4x(2xAWG26)

stranded tin copper wire (Class 6); nom. 0,14mm² - AWG26; nominal diameter 0,50mm; VDE 0295. Lay agree with UL 758 tab 5,9; conform to EN 13602 - ETP1, DIN 40500 E-Cu 58

4xAWG21

stranded tin copper wire (Class 6); nom. 0,50mm² - AWG21; nominal diameter 0,93mm; VDE 0295. Lay agree with UL 758 tab 5,9; conform to EN 13602 - ETP1, DIN 40500 E-Cu 58

Insulation:

1x(4xAWG26)+4x(2xAWG26) TPE-E; nominal diameter 1,00mm
4xAWG21 TPE-E; nominal diameter 1,50mm



Color case:

1x(4xAWG26) blue/black – yellow/black – red/black - green/black (1st colour base, 2nd colour ring)

4x(2xAWG26) light blue-black – green-brown – yellow-violet – grey-pink



4xAWG21 white – blue – white/green – brown/green (1st colour base, 2nd colour ring)




Assembly:

1x(4xAWG26) four cores stranded together






4x(2xAWG26) eight cores stranded in four pairs with appropriate lay

4xAWG21 + 4x(2xAWG26) stranded together around




1x(4xAWG26)

-  **Shield:** 1x(4xAWG26) spiral type; tin copper wire 0,10mm; optical coverage >90%
-  Braid type; tin copper wire; nominal optical coverage 85%
-  **Protective Tape:** 1x(4xAWG26) tape under and over spiral screen
Tape under and over screen
- Sheath:** Outer sheath: PUR (ether base); 90 ShA; diameter 8,60 ±0,30mm
Colour: green similar RAL 6018; conform to UL AWM Style 20233



Technical data

-  **Nominal Voltage:** 300Vrms
-  **Test Voltage:** 2000 Vac (C/C)
-  **Temperature:** -40°C to +80°C (Fixed) - 25°C to +80°C (Flexible)
- Conductor Resistance:** (AWG26): 142 Ω/Km (IEC 60344)
(AWG21): 38,8 Ω/Km (IEC 60344)
-  **Oil Resistance:** According to UL758
-  **Flame Resistance:** UL Cable Flame Test; UL VW-1, CSA FT1; IEC 60332-1-2

Movement Data

-  **Bending radius:** 7,5 x D (Flexible)
-  **Speed:** 300 m/min
-  **Acceleration:** 50 m/sec²

Approval

-  Halogen-free: CEI EN 60754-1 / VDE 0482-754-1
-  UV-resistant: UL 1581 (300h) - Silicone, Pb, FCKW free
- Hydraulic fluid, coolant emulsifier, alkali: resistant to a large extent

Name	Cable type	Ø mm	Tolerance
SS4X0,14+4X(2X0,14)+4X0,50C	1 x (4 x 0,14) + 4 x (2 x 0,14) + 4 x 0,5	8,6	±0,30 mm

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