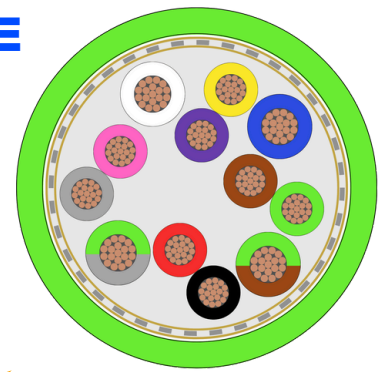










# FEEDBACK MOBILE HEIDENHAIN



SS4X2X0,15+4X0,50C PUR  
According to HEIDENHAIN®  
AWM Style 20233 (80°C / 300V)



## General Construction

-  **Conductor:** **4x2xAWG26**  
stranded tin copper wire 0,10mm; nom. 0,15mm<sup>2</sup> - AWG26;  
nominal diameter 0,50mm. Lay agree with UL 758 tab 5,9;  
conform to EN 13602 - ETP1, DIN 40500 E-Cu 58
- 4xAWG21**  
stranded tin copper wire 0,15mm; nom. 0,50mm<sup>2</sup> - AWG21;  
nominal diameter 0,95mm. Lay agree with UL 758 tab 5,9;  
conform to EN 13602 - ETP1, DIN 40500 E-Cu 58
-  **Insulation:** **4x2xAWG26** polyolefin compound; nominal diameter 0,95mm  
**4xAWG21** polyolefin compound; nominal diameter 1,55mm
-  **Color case:** **4x2xAWG26** grey-pink – violet-yellow – brown-green – red-black  
**4xAWG21** white – blue – brown/green – white/green
- Assembly:** **4x(2xAWG26)** eight cores twisted in four pairs  
**4x2xAWG26+4xAWG21** stranded together around a central filler
-  **Shield:** Braid type; tin copper wire 0,10mm; nominal optical coverage 85%
-  **Protective Tape:** Tape under and over screen
-  **Sheath:** Outer sheath: PUR (ether base), 90 ShA; diameter 8,6 ± 0,2mm  
Colour: green similar RAL 6018; conform to UL Style 20233

## Technical data



**Nominal Voltage:** 300Vrms



**Test Voltage:** 1500 Vac (C/C)



**Temperature:** -40°C to +80°C (Fixed) - 20°C to +80°C (Flexible)

**Conductor Resistance:** (AWG26): 152,6 Ω/Km (IEC 60344)  
(AWG21): 41,1 Ω/Km (IEC 60344)



**Oil Resistance:** According to UL758



**Flame Resistance:** UL Cable flame test; CSA FT1; IEC 60332-1

## Movement Data



**Bending cycles:** 10 Mio (20 Mio bends)



**Bending radius:** 5 x D (Fixed) - 10 x D (Flexible)



**Speed:** 220 m/min



**Acceleration:** 12 m/sec<sup>2</sup>

## Approval



Halogen-free: CEI EN 60754-1 / VDE 0482-754-1



UV-resistant - Silicone, Pb, Cd, Hg, FCKW free

Hydraulic fluid, coolant emulsifier, alkali: resistant to a large extent



Name	Cable type	Ø mm	Tolerance
SS4X2X0,15+4X0,50C	4 x 2 x 0,15 + 4 x 0,5	8,6	±0,20 mm

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