



Homologation UL AWM Style: 2517



Homologation CSA: C22.2 standard



Accordance to Directives: 2014/35/UE; 2014/30/UE; 2011/65/CE

Package: Wood Drums d.800

Printing text (ink white):

4x0,25mm<sup>2</sup> E172949 AWM 2517 105°C 300V VW-1 - CSA LL107556 AWM I/II A/B 105°C 300V FT1 – “week/year”

### General construction

**Conductor:** Stranded bare copper wire; 0.25mm<sup>2</sup> - AWG24; nominal diameter 0.70mm; cl.5 VDE0295;  
Lay agree with UL 758 tab 5.9; conform to EN 13602 - ETP1, DIN 40500 E-Cu 58.

**Insulation:** PVC; Nominal diameter 1.45; colours as for DIN47100.

**Air tube:** Nylon; Nominal diameter: External 2.00mm; Internal 1.00mm.

**Assembly:** Four cores + Air tube stranded together around a central filler (colour sequence as indicate in sketch).

**Protective tape:** PET tape over assembly.

**Shield:** Braid type; Tin copper wire; nominal optical coverage 85%.

**Jacket:** PVC, hardness 80 ShA; diameter 6.40 ±0.20mm; colour Black similar RAL9005;  
conform to UL AWM Style 2517

### Technical data

<b>Electric:</b>	Operating voltage	300 V (for electronic use)
	Voltage test	1500 V x 1min (IEC60885-1)
	Max conductor resistance	79.9 Ω/Km (IEC 60344)

<b>Physical:</b>	Operating temperature range	-25°C to +105°C (fixed)
	Operating temperature range	-5°C to +105°C (flex, free movement not continuous)
	Minimum bending radius	10xO.D. (fixed)
	Minimum bending radius	15xO.D. (flex, free movement not continuous)

<b>Chemical:</b>	Oil resistant	yes (ISO6722)
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<b>Flame:</b>	Flame resistant	UL Cable flame test; CSA FT1; VW-1; IEC 60332-1
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