



Reference: 10553144
Country Ref.: 13-EBY13Z08P-A5
EAN 13: 8054803122065

CONTACT

Market information
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Servo cables according to BOSCH REXROTH standard for extremely dynamic applications, PUR jacket, shielded, resistant to oils, flame retardant, halogen-free

STANDARDS

Product UL and CSA approval

DESIGN

Conductor
Stranded bare copper
Core insulation
Polyolefin
Core stranding
Power cores stranded with fillers
Core identification
Power:
U/L1/C/L+ V/L2
W/L3/D/L- Ye/Gr
Signal:
Black numbered 5-6 7-8
Shield
Total shield:
Tinned copper braid, coverage $\geq 85\%$
Jacket
PUR
Colour:
Orange RAL 2003
(available also in Green RAL 6018)

NORMATIVE REFERENCE

Normative reference
UL Recognized / CSA
AWM 80° C – 600V/1000V
AWM 80° C – 600V/1000V FT1

Oil Resistance:

En 50363-10-2

Flame Resistance:

IEc 60331-1-2; FT1; UL 1581; EN 50265-2-1

Toxicity:

Halogen free



无卤
是



操作温度
-30 ... 80 ° C



存储温度范围
-50 ... 80 ° C



耐油
EN 50363-10-2



阻燃 - 火焰
IEC/EN 60332-1-2; FT1; UL 1581 FT1

CHARACTERISTICS

结构特性

结构类型	(4G2.5 + 2x(2x1.0)C)C
导体材料	Stranded bare copper
绝缘	聚烯烃
绝缘色	Power: U/L1/G/L+ V/L2 W/L3/D/L- Ye/Gr Signal: Black num 5-6 7-8
绞合	power cores and control pairs stranded with filler
Taping	Non woven tape
屏蔽	≥85% tinned copper braid coverage
外护套	PUR
护套颜色	Orange RAL 2003
无卤	是

尺寸特性

标称外径	13.0 mm
铜含量	234 kg/km
近似重量	300 kg/km

电气特性

Rated Voltage U ₀ /U	0.6/1 kV
测试电压	4000 V

机械特性

Maximum acceleration	50 m/s ²
弯曲循环	10 Mio.
速度	300 m/min

使用特性

应用类型	动态
最小弯曲半径 – 动态	7.5 (xD)
操作温度范围	-30 ... 80 °C
存储温度范围	-50 ... 80 °C
耐油	EN 50363-10-2
阻燃 – 火焰	IEC/EN 60332-1-2; FT1; UL 1581 FT1



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