



Reference: 10553138  
Country Ref.: 13 -  
EBY03Z08P - A5  
EAN 13: 8054803122188

### 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

UL Recognized / CSA  
UL AWM 80 ° C 1000V  
CSA AWM I/II A/B 80 ° C 1000V

Oil Resistance:  
EN 60811 - 2 - 1

Flame Resistance:  
EN 50265 - 2 - 1, CSA FT1, UL 1581

Toxicity:  
Halogen free

### DESIGN

1. Conductor: Stranded bare copper
2. Core insulation: Polyolefin
3. Core stranding: Power cores stranded with fillers
4. Core identification:  
Power: U/L1/C/L+; V/L2; W/L3/D/L - ; GN/YE  
Signal: Black numbered 5 - 6; 7 - 8
5. Shield:  
Total shield: Tinned copper braid, coverage 85%  
Pairs shield: ALU/PET foil + Tinned copper braid, coverage 85%
6. Jacket: PUR
7. Colour: Orange, RAL 2003  
(available also in Green RAL 6018)



Halogen free



Operating temp.  
- 30 ... 80 ° C



Storage temperature, range  
- 50 ... 80 ° C



Oil resistance  
EN 50363 - 10 - 2



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

## CHARACTERISTICS

	(4G25 + 2x(2x1.5)C)C
	Stranded bare copper
Insulation colour	Power: U/L1/C/L+ V/L2 W/L3/D/L - Ye/Gr Signal: Black num 5 - 6 7 - 8
Lay Up	power cores and control pairs stranded with filler
Taping	Non woven tape
Shielding	85% tinned copper braid coverage
	PUR
Sheath colour	Orange RAL 2003
Halogen free	
Nominal outer diameter	27.6 mm
Copper content	1310 kg/km
( )	1630 kg/km
Rated Voltage U <sub>o</sub> /U	0.6/1 kV
	4000 V
Maximum acceleration	50 m/s <sup>2</sup>
Bending cycles	10 Mio.
Speed	300 m/min
Field of application	Dynamic
Minimum dynamic operating bending radius	7.5 (xD)
操作度范	- 30 ... 80 °C
Storage temperature, range	- 50 ... 80 °C
Oil resistance	EN 50363 - 10 - 2
	IEC/EN 60332 - 1 - 2; FT1; UL 1581 FT1