

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)



CONTACT

Market information
industryprojects.business@lyn
xeogroup.com



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

	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
Sheath colour	PUR Orange RAL 2003
Halogen free	
Rated Voltage Uo/U	0.6/1 kV 4000 V
Maximum acceleration	50 m/s ²
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

PRODUCT LIST

Reference	Country Ref.	Name	Nominal outer diameter [mm]	Copper content [kg/km]	
10553152	13 - EBY19Z08P - A5	(4G0,75 + 2x(2x0,34)C)C	(4G0.75 + 2x(2x0.34)C)C	9.6	93
10553151	13 - EBY17Z08P - A5	(4G1,00 + 2x(2x0,75)C)C	(4G1.0 + 2x(2x0.75)C)C	11.6	170
10553147	13 - EBY15Z08P - A5	(4G1,50 + 2x(2x0,75)C)C	(4G1.5 + 2x(2x0.75)C)C	11.8	189
10553144	13 - EBY13Z08P - A5	(4G2,50 + 2x(2x1)C)C	(4G2.5 + 2x(2x1.0)C)C	13.0	234
10553142	13 - EBY11Z08P - A5	(4G4 + (2x1)C + (2x1,5)C)C	(4G4 + (2x1.5)C + (2x1.0)C)C	16.0	320
10553141	13 - EBY09Z08P - A5	(4G6 + (2x1)C + (2x1,5)C)C	(4G6 + (2x1.5)C + (2x1.0)C)C	18.1	395
10553140	13 - EBY07Z08P - A5	(4G10 + (2x1)C + (2x1,5)C)C	(4G10 + (2x1.5)C + (2x1.0)C)C	20.4	620
10553139	13 - EBY05Z08P - A5	(4G16 + 2x(2x1,5)C)C	(4G16 + 2x(2x1.5)C)C	23.6	903

= Make to order, = In stock,

Reference	Country Ref.	Name	Nominal outer diameter [mm]	Copper content [kg/km]
☒ 10553138	13 - EBY03Z08P - A5	(4G25 + 2x(2x1,5)C) C	27.6	1310

☒ = Make to order, ☒ = In stock,