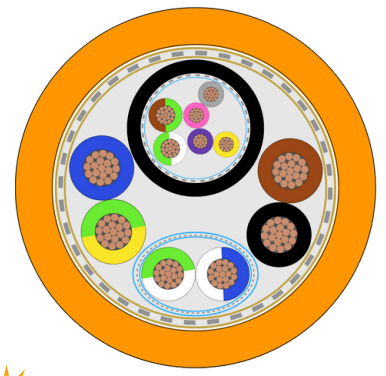
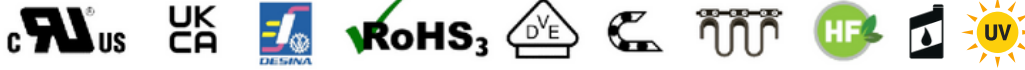










# SERVO B&R ENDAT 2.2









According to B&R®  
B&RENDATI6PUR  
AWM Style 21223 (80°C / 1000V)








## General Construction

-  **Conductor:** Flexible bare copper conductor Cl.6 according to IEC60228/VDE0295
-  **Insulation:** PP compound
-  **Color Cores:** Black printed (U / L1 / C / L+) (V / L2) (W / L3 / D / L-) Yellow/Green.  
Pair: White - Black
-  **Shield:** Tinned copper braid; Nominal optical coverage 85%
-  **Protective Tape:** Pair PET tape under and over shield.  
Total: Nonwovens tape under and over shield
-  **Jacket PUR:** (ether base), 90 ShA Compound accordance to UL758  
Color Jacket: Orange similar RAL2003




## Technical data

-  **Nominal Voltage:** 100Vrms
-  **Test Voltage:** 4000V
-  **Bending Radius:** 5 x D (Fixed)
-  **Temperature:** 40°C to +80°C (Fixed) - 25°C to +80°C (Flexible)
-  **Flame Resistance:** UL Cable flame test CSA FT1 - IEC60332-1-2
-  **Oil Resistance:** According to UL758

## Movement Data @20°C

-  **Bending cycles:** up to 10Mio (20 Mio Stroke)
-  **Bending radius:** 7,5 x D
-  **Speed:** up to 300 m/min
-  **Acceleration:** 60 m/sec<sup>2</sup>
-  **Torsion:** +-180°/1m

## Approval

-  Halogen free according to CEI EN 60754-1 / VDE 0482-754-1 - UV Resistance
-  Silicone, Pb, Cd, Hg, FCKW free
-  RoHS compliant 2014/35/UE; 2014/30/UE; 2011/65/CE; 2015/863/UE

Name	Reference	Cable Type	Ø mm	Tolerance	Weight
MOV4G15CPUR-V	6FX8008 – 1BB11	4 x 1,5	9,1	±0,40 mm	128,0
MOV-4G25CPUR-V	6FX8008 – 1BB21	4 x 2,5	10,6	±0,40 mm	183,0
MOV-4G40CPEXF-V	6FX8008 – 1BB31	4 x 4	12,2	±0,40 mm	270,0
MOV-4G60CPUR-V	6FX8008 – 1BB41	4x 6	14,5	±0,50 mm	385,0
MOV-4G100CPUR-V	6FX8008 – 1BB51	4 x 10	17,9	±0,70 mm	607,0
MOV-4G160CPUR-V	6FX8008 – 1BB61	4 x 16	21,6	±0,70 mm	928,0
MOV-4G250CPUR-V	6FX8008 – 1BB25	4 x 25	25,4	±1,00 mm	1.331,0
MOV-4G350CPUR-V	6FX8008 – 1BB35	4 x 35	29,4	±1,00 mm	1.732,0
MOV-4G500CPUR-V	6FX8008 – 1BB50	4 x 50	33,1	±1,00 mm	2.428,0
MOV-4G15/2CPUR-V	6FX8008 – 1BA11	4 x 1,5 + 2 x 1,5	11,6	±0,40 mm	204,0
MOV-4G25/2CPUR-V	6FX8008 – 1BA21	4 x 2,5 + 2 x 1,5	13,4	±0,40 mm	285,0
MOV-4G40/2CPUR	6FX8008 – 1BA31	4 x 4 + 2 x 1,5	14,8	±0,40 mm	370,0
MOV-4G60/2CPUR-V	6FX8008 – 1BA41	4 x 6 + 2 x 1,5	16,8	±0,50 mm	500,0
MOV-4G100/2CPUR-V	6FX8008 – 1BA51	4 x 10 + 2 x 1,5	19,7	±0,70 mm	691,0
MOV-4G160/2CPUR	6FX8008 – 1BA61	4 x 16 + 2 x 1,5	23,1	±0,70 mm	1.002,0
MOV-4G250/2CPUR-V	6FX8008 – 1BA25	4 x 25 + 2 x 1,5	27,0	±1,00 mm	1.400,0
MOV-4G350/2CPUR-V	6FX8008 – 1BA35	4 x 35 + 2 x 1,5	30,2	±1,00 mm	1.905,0
MOV-4G500/2CPUR-V	6FX8008 – 1BA50	4 x 50 + 2 x 1,5	33,5	±1,00 mm	2.525,0

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