BO-ELEC ROBOT PUR 300V

EXTRAFLEX CU/PP/PUR Torsion +/-360°

Image for illustration only

Conductor:	Bare copper according to VDE 0295 - IEC 60228 cl.6
Insulation:	Polypropylene compound
Colour Code:	According to DIN 47100
Wrapping:	**NUMBER OF CORES <12:** Conductors cabled together in layer construction, fillers admitted **NUMBER OF CORES ≥ 12:** Conductors cabled together in bundle construction, fillers admitted
Wrapping:	**Taping:** Teflon PTFE foil **Taping:** Non woven tape
Outer Sheath:	Polyurethane compound **Colour:** Black, RAL 9005 (or to be agreed)
Cable Printing:	- Standard
Technical Data & Standard References	**Working Voltage:** 300V **Test Voltage:** 200V **Insutlation Resistance:** At 20°C > 1 GΩ Km **Conductor Resistance:** Max at 20°C in accordance with IEC 60228 and VDE 0812 **Halogen Free:** IEC 60754-1 **Flame Resistance:** IEC 60332-1-2, UL 1581 VW-1, CSA FT1 **Oil Resistance:** VDE 0473-811-404, UL 1581, IEC 60811-404 **UV Resistance:** Yes **Abrasion Resistance:** ASTM D 4060 **Water Resistance:** EN 60811-1-3 **MUD Resistance:** NEK 606 **Microbe Resistance:** VDE 0282/10 **Ozone Resistance:** EN 50396 Art. 8.1.3 **Aprovals:** UL STYLE 20549
	Bending Radius: 7,5 X D (Flexible application) - 4 X D (Fixed installation) **Torsion Stress:** +/- 360°/m

BOTEC KABEL
special cables express delivery

TECHNICAL DATA AND PRODUCT FEATURES	
	**TEMPARATURE RANGE** -30°C +80°C (Flexible application) -40°C +80°C (Fixed installation)
	**WORKING VOLTAGE** 300 V
	**TEST VOLTAGE** 2000 V
	**HALOGEN FREE** IEC 60754-1
	**FLAME RESISTANCE** IEC 60332-1-2, UL 1581, CSA FT1
	**OIL RESISTANCE** VDE 0473-811-404, UL 1581, IEC 60811-404
	**UV RESISTANCE** Yes
	**ABRASION RESISTANCE** ASTM D 4060
	**WATER RESISTANCE** EN 60811-1-3
	**MUD RESISTANCE** NEK 606
	**MICROBE RESISTANCE** VDE 0282/10
	**OZONE RESISTANCE** EN 50396 Art. 8.1.3
	**APPROVALS** UL STYLE 20549
	**BENDING RADIUS** 7,5 X D (Flexible application) - 4 X D (Fixed installation)

Application: Multi-core cables with low-capacity insulation and polyurethane sheath for torsional applications in the presence of oils with high abrasion resistance