

## Control cable Highflex 3D ROBOT



<b>Application</b>	: Highly flexible process control cable for use in drag chains and robotic applications. Torsion resistant and suitable for 360 degrees per meter movements.
<b>TECHNICAL DATA</b>	: TYPE 3D ROBOT
Standards	: UL 10925, CSA AWM I A/B II A/B.
<b>Remarks</b>	: Highly flexible cable for dynamic applications, especially suitable for 3D applications. Please see the special mounting instructions: <a href="http://www.jobarco.com/media/content/installation_guide_for_highflex_cables.pdf">http://www.jobarco.com/media/content/installation_guide_for_highflex_cables.pdf</a>
Conductor category	: Class 6 = very flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: Copolymer, thermoplastic
Protective conductor	: Yes
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PUR (Polyurethane)
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: Yes
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -40°C to 80°C
Permitted cable outer temperature, fixed	: -50°C to 80°C
Nominal voltage U	: 1000V
No. bending cycli	: 10000000
Core protecton	: Yes

ProductNr	Dimension	Core identification	Colour outer sheath	Outer diameter approx. (mm)	Bending radius (mm)
1206225	25 x 0,34	Colour	Black	11.4	57

ProductNr	Dimension	Core identification	Colour outer sheath	Outer diameter approx. (mm)	Bending radius (mm)
1206312	12 x 0,5	Numbers	Grey	9.3	47
1206316	16 x 0,5	Numbers	Grey	10.4	47
1206325	25 x 0,5	Numbers	Grey	13.4	67