
















Connection Technology

Cable		Unprepared, cut to length		
5 core + shield				
PVC electronic cable LiVCY 	Cross section	5 x 0.14 mm ²	suitable for:	<i>Order No.</i> 8.0000.6300.XXXX ¹⁾
	Permanent working temp. range	flexible installation -5°C ... +70°C secure installation -30°C ... +80°C	incremental encoders without inversions	
	Bending radius	flexible installation min. 75 mm secure installation min. 75 mm		
	Cable diameter	approx. 4.7 ±0.2 mm		
TPE electronic trailing cable halogen-free 	Cross section	5 x 0.75 mm ²	suitable for:	<i>Order No.</i> 8.0000.6600.XXXX ¹⁾
	Permanent working temp. range	flexible installation -35°C ... +100°C secure installation -40°C ... +100°C	speed switch, robust incremental encoders without inversions	
	Bending radius	flexible installation min. 40 mm secure installation min. 25 mm		
	Cable diameter	approx. 7,5 ±0,3 mm		
8 core + shield				
PUR trailing cable halogen-free, flame resistant 	Cross section	8 x 0.14 mm ²	suitable for:	<i>Order No.</i> 8.0000.6P00.XXXX ¹⁾
	Permanent working temp. range	flexible installation -20°C ... +80°C secure installation -40°C ... +80°C	Limes, 365X, 368X SSI and analogue	
	Bending radius	flexible installation min. 65 mm secure installation min. 45 mm		
	Cable diameter	approx. 5.5 ±0.2 mm		
10 core + shield				
PUR electronic trailing cable halogen-free 	Cross section	4 x 2 x 0,25 mm ² + 2 x 1 mm ²	suitable for:	<i>Order No.</i> 8.0000.6400.XXXX ¹⁾
	Permanent working temp. range	flexible installation -40°C ... +90°C secure installation -50°C ... +90°C	H100 with speed switch	
	Bending radius	flexible installation min. 95 mm secure installation min. 40 mm		
	Cable diameter	approx. 7,9 mm ±10%		
12 core + shield				
PUR electronic trailing cable halogen-free 	Cross section	10 x 0.14 mm ² + 2 x 0.5 mm ²	suitable for:	<i>Order No.</i> 8.0000.6100.XXXX ¹⁾
	Permanent working temp. range	flexible installation -30°C ... +80°C secure installation -50°C ... +90°C	robust incremental encoders	
	Bending radius	flexible installation min. 50 mm secure installation min. 35 mm		
	Cable diameter	approx. 6.9 ±0.3 mm		
PVC electronic cable LiVCY 	Cross section	12 x 0.14 mm ²	suitable for:	<i>Order No.</i> 8.0000.6200.XXXX ¹⁾
	Permanent working temp. range	flexible installation -5°C ... +70°C secure installation -30°C ... +80°C	incremental encoders Standard cable	
	Bending radius	flexible installation min. 100 mm secure installation min. 70 mm		
	Cable diameter	approx. 6.7 ±0.2 mm		

1) XXX = cable length in meters (e.g. 10 m = 010)

Connection Technology

Cable		Unprepared, cut to length		
12 core + shield				
TPE electronic cable (TP) halogen-free 	Cross section	5 x 2 x 0.14 mm ² + 2 x 0.5 mm ²	suitable for: high temperatures or encoders with sine wave output	<i>Order No.</i> 8.0000.6E00.XXXX¹⁾
	Permanent working temp. range	flexible installation -40°C ... +110°C secure installation -60°C ... +135°C		
	Bending radius	flexible installation min. 90 mm secure installation min. 70 mm		
	Cable diameter	approx. 8.5 ±0.4 mm		
PVC electronic cable LiYCY (TP) 	Cross section	6 x 2 x 0.14 mm ²	suitable for: absolute encoders with SSI or 4 ... 20 mA interface, twisted pair conductors	<i>Order No.</i> 8.0000.6900.XXXX¹⁾
	Permanent working temp. range	flexible installation -5°C ... +70°C secure installation -30°C ... +80°C		
	Bending radius	flexible installation min. 110 mm secure installation min. 75 mm		
	Cable diameter	approx. 7.3 ±0.2 mm		
18 core + shield				
PVC electronic cable LiYCY 	Cross section	18 x 0.14 mm ²	suitable for: absolute encoders with parallel interface, twisted pair conductors	<i>Order No.</i> 8.0000.6700.XXXX¹⁾
	Permanent working temp. range	flexible installation -5°C ... +70°C secure installation -30°C ... +80°C		
	Bending radius	flexible installation min. 120 mm secure installation min. 100 mm		
	Cable diameter	approx. 7.8 ±0.2 mm		
Profibus-DP Cable				
PUR outer jacket, PE wire insulation  	Cross section	10 x 0.14 mm ² + 2 x 0.5 mm ²	suitable for: all Profibus fieldbus encoders	<i>Order No.</i> 05.KABEL451.XXX¹⁾
	Permanent working temp. range	flexible installation -30°C ... +70°C secure installation -50°C ... +90°C		
	Bending radius	flexible installation min. 70 mm secure installation min. 50 mm		
	Cable diameter	approx. 6.9 ±0.2 mm		
DeviceNet Cable				
PUR outer jacket, PE wire insulation  	Cross section	10 x 0.14 mm ² + 2 x 0.5 mm ²	suitable for: all DeviceNet fieldbus encoders	<i>Order No.</i> 05.KABEL5723.XXX¹⁾
	Permanent working temp. range	flexible installation -30°C ... +70°C secure installation -50°C ... +90°C		
	Bending radius	flexible installation min. 70 mm secure installation min. 50 mm		
	Cable diameter	approx. 6.9 ±0.2 mm		
CANopen Cable				
PVC electronic cable  	Cross section	3 x 2 x 0,25 mm ²	suitable for: all CANopen fieldbus encoders	<i>Order No.</i> 8.0000.6V00.XXXX¹⁾
	Permanent working temp. range	flexible installation -10°C ... +90°C secure installation -30°C ... +90°C		
	Bending radius	flexible installation min. 120 mm secure installation min. 40 mm		
	Cable diameter	approx. 6,2 ±0,2 mm		

1) XXX = cable length in meters (e.g. 10 m = 010)