










# Connection Technology

Cable		Unprepared, cut to length		
<b>12 core + shield</b>				
<b>PUR electronic trailing cable</b> halogen-free 	<b>Cross section</b> 10 x 0.14 mm <sup>2</sup> + 2 x 0.5 mm <sup>2</sup> <b>Permanent working temp. range</b> flexible installation -30°C ... +80°C secure installation -50°C ... +90°C <b>Bending radius</b> flexible installation min. 50 mm secure installation min. 35 mm <b>Cable diameter</b> approx. 6.9 ±0.3 mm	<i>suitable for:</i> robust incremental encoders	<i>Order No.</i> <b>8.0000.6100.XXXX</b> <sup>1)</sup>	
	<b>PVC electronic cable LiVCY</b> 	<b>Cross section</b> 12 x 0.14 mm <sup>2</sup> <b>Permanent working temp. range</b> flexible installation -5°C ... +70°C secure installation -30°C ... +80°C <b>Bending radius</b> flexible installation min. 100 mm secure installation min. 70 mm <b>Cable diameter</b> approx. 6.7 ±0.2 mm	<i>suitable for:</i> incremental encoders Standard cable	<i>Order No.</i> <b>8.0000.6200.XXXX</b> <sup>1)</sup>
<b>TPE electronic cable (TP)</b> halogen-free 	<b>Cross section</b> 5 x 2 x 0.14 mm <sup>2</sup> + 2 x 0.5 mm <sup>2</sup> <b>Permanent working temp. range</b> flexible installation -40°C ... +110°C secure installation -60°C ... +135°C <b>Bending radius</b> flexible installation min. 90 mm secure installation min. 70 mm <b>Cable diameter</b> approx. 8.5 ±0.4 mm	<i>suitable for:</i> high temperatures or voltages Sine wave encoders	<i>Order No.</i> <b>8.0000.6E00.XXXX</b> <sup>1)</sup>	
	<b>PVC electronic cable LiVCY (TP)</b> 	<b>Cross section</b> 6 x 2 x 0.14 mm <sup>2</sup> <b>Permanent working temp. range</b> flexible installation -5°C ... +70°C secure installation -30°C ... +80°C <b>Bending radius</b> flexible installation min. 110 mm secure installation min. 75 mm <b>Cable diameter</b> approx. 7.3 ±0.2 mm	<i>suitable for:</i> absolute encoders with SSI or 4 ... 20 mA interface, twisted pair conductors	<i>Order No.</i> <b>8.0000.6900.XXXX</b> <sup>1)</sup>
<b>5 core + shield</b>				
<b>PVC electronic cable LiVCY</b> 	<b>Cross section</b> 5 x 0.14 mm <sup>2</sup> <b>Permanent working temp. range</b> flexible installation -5°C ... +70°C secure installation -30°C ... +80°C <b>Bending radius</b> flexible installation min. 75 mm secure installation min. 75 mm <b>Cable diameter</b> approx. 4.7 ±0.2 mm	<i>suitable for:</i> incremental encoders without inversions	<i>Order No.</i> <b>8.0000.6300.XXXX</b> <sup>1)</sup>	
	<b>8 core + shield</b>			
<b>PUR trailing cable</b> halogen-free, flame resistant 	<b>Cross section</b> 8 x 0.14 mm <sup>2</sup> <b>Permanent working temp. range</b> flexible installation -20°C ... +80°C secure installation -40°C ... +80°C <b>Bending radius</b> flexible installation min. 65 mm secure installation min. 45 mm <b>Cable diameter</b> approx. 5.5 ±0.2 mm	<i>suitable for:</i> Limes, 365X, 368X SSI and analogue	<i>Order No.</i> <b>8.0000.6P00.XXXX</b> <sup>1)</sup>	
	<b>18 core + shield</b>			
<b>PVC electronic cable LiVCY</b> 	<b>Cross section</b> 18 x 0.14 mm <sup>2</sup> <b>Permanent working temp. range</b> flexible installation -5°C ... +70°C secure installation -30°C ... +80°C <b>Bending radius</b> flexible installation min. 120 mm secure installation min. 100 mm <b>Cable diameter</b> approx. 7.8 ±0.2 mm	<i>suitable for:</i> absolute encoders with parallel interface, twisted pair conductors	<i>Order No.</i> <b>8.0000.6700.XXXX</b> <sup>1)</sup>	



1) XXXX = cable length in meters (e.g. 10 m = 0010)

**Cable**      **Unprepared, cut to length**

**Profibus-DP Cable**

<p>PUR outer jacket, PE wire insulation</p>  	<b>Cross section</b>	10 x 0.14 mm <sup>2</sup> + 2 x 0.5 mm <sup>2</sup>	<i>suitable for:</i> robust incremental encoders	<i>Order No.</i> <b>05.KABEL451.XXX<sup>1)</sup></b>
	<b>Permanent working temp. range</b>	flexible installation -30°C ... +70°C secure installation -50°C ... +90°C		
	<b>Bending radius</b>	flexible installation min. 70 mm secure installation min. 50 mm		
	<b>Cable diameter</b>	approx. 6.9 ±0.2 mm		

**DeviceNet Cable**

<p>PUR outer jacket, PE wire insulation</p>  	<b>Cross section</b>	10 x 0.14 mm <sup>2</sup> + 2 x 0.5 mm <sup>2</sup>	<i>suitable for:</i> robust incremental encoders	<i>Order No.</i> <b>05.KABEL5723.XXX<sup>1)</sup></b>
	<b>Permanent working temp. range</b>	flexible installation -30°C ... +70°C secure installation -50°C ... +90°C		
	<b>Bending radius</b>	flexible installation min. 70 mm secure installation min. 50 mm		
	<b>Cable diameter</b>	approx. 6.9 ±0.2 mm		

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