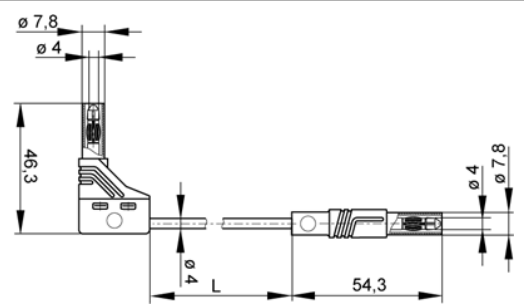


datasheet for MLS WG 100/1  
 article number: 934082100



<b>product description:</b>	<b>order number: 934 082-100</b>
<b>description:</b>	Safety measuring lead, at either end 4 mm diameter safety connector with straight/rectangular outlet and integrated kink protection. Nickel-plated copper beryllium contact spring. Highly flexible, double insulated stranded lead, shatter-proof grip sleeve and lead. Color indicator for the recognition of damage to the insulation. In accordance to IEC 61010 standard.
<b>typ:</b>	MLS WG 100/1 schwarz / black
<b>system:</b>	4mm safety system
<b>order number:</b>	934 082-100
<b>color</b>	●
<b>other color versions:</b>	●●●●●
<b>technical data</b>	
<b>measurement category acc. to IEC 61010:</b>	CAT III
<b>pin dimensions</b>	4 mm
<b>type of contact:</b>	pin (spring loaded)
<b>cable type:</b>	LEH-XY
<b>cable specification:</b>	highly flexible lead
<b>wire stranding:</b>	259 x 0.07 mm
<b>rated voltage:</b>	AC/DC 1000 V
<b>rated current:</b> <a href="#">Please consider derating curve!</a>	16 A
<b>contact resistance:</b>	22 mOhm
<b>cable length:</b>	100 cm
<b>conductor size:</b>	1 mm <sup>2</sup>
<b>cable material:</b>	PVC
<b>cable color:</b>	black
<b>material</b>	
<b>contact material:</b>	contact spring: copper - beryllium
<b>contact surface material:</b>	nickel
<b>housing material:</b>	PA
<b>environmental conditions:</b>	
<b>temperature range:</b>	-15 °C to +70 °C

<b>inflammable class:</b>	
<b>housing (basic material):</b>	UL 94 V - 2
<b>drawing</b>	
	 <p>The drawing shows a side view of a connector assembly. It consists of a housing on the left and a pin on the right. The housing has a vertical section with a diameter of <math>\varnothing 7,8</math> and a smaller diameter section of <math>\varnothing 4</math>. The height of the housing is <math>46,3</math>. The pin has a diameter of <math>\varnothing 4</math> and a length of <math>54,3</math>. The pin is inserted into the housing, and the diameter of the housing at the insertion point is <math>\varnothing 4</math>. The diameter of the pin at the end is <math>\varnothing 7,8</math>.</p>

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