

### Product type designation

Product description

### Cable for IO-Link, wire end sleeves / M12

Sensor cable (4-core)

SIMATIC RF IO-LINK PLUG-IN CABLE, PREASSEMBLED, BETWEEN IO-LINK MASTER AND READER, M12 4-POLE. AND OPEN END, PUR, LENGTH 5 M



Suitability for use	Plug-in cable for connecting an IO-Link device to an IO-Link master
Cable designation	LiY-11Y 4xAWG 22/19
Cable length	5 m

### Electrical data

Number of electrical connections	1
Type of electrical connection	wire end sleeves (labeled) / M12 (female, 4 pin, straight)
Loop resistance per length / maximum	108 mΩ/m
Insulation resistance coefficient	20 GΩ·m
Operating voltage	
• maximum	30 V

### Mechanical data

Number of electrical cores	4
Design of the shield	unshielded
Outer diameter	
• of cable sheath	4.3 mm
Symmetrical tolerance of the outer diameter / of cable sheath	0.15 mm
Material	
• of the wire insulation	PVC
• of cable sheath	TPE-U Ether Isolation
Color	
• of the insulation of data wires	brown, white, blue, black

<ul style="list-style-type: none"> <li>• of cable sheath</li> </ul>	Black
Bending radius	
<ul style="list-style-type: none"> <li>• with single bend / minimum permissible</li> <li>• with multiple bends / minimum permissible</li> </ul>	34.4 mm 64.5 mm

### Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> <li>• during transport</li> <li>• during installation</li> </ul>	-5 ... +80 °C -40 ... +80 °C -40 ... +80 °C -5 ... +80 °C
Burning behavior	flame resistant according to AWM STYLE 21317 80°C 30V VW-1 for USA and AWM I/II A/B 80°C 30V FT-1 for Canada

### Product properties, functions, components / general

Product property	
<ul style="list-style-type: none"> <li>• halogen-free</li> </ul>	No

### Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none"> <li>• to website: Industry Mall</li> <li>• to website: Information and Download Center</li> <li>• to website: Image database</li> <li>• to website: CAx Download Manager</li> <li>• to website: Industry Online Support</li> </ul>	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a> <a href="http://www.siemens.com/automation/net/catalog">http://www.siemens.com/automation/net/catalog</a> <a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a> <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a> <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>

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