

Product type designation

Product description

DI/DO cable, M12 12-pole / open strands

Highly flexible sensor cable (12-core)
SIMATIC RF600 DI/DO CABLE CONNECTOR FOR RF670R; M12,
12 X 0.14 MM², SHIELDED, MATERIAL PUR, IP67; LENGTH 5M,
ONE SIDE OPEN



Cable designation	LSPYwC11Y
Cable length	5 m

Electrical data

Number of electrical connections	1
Type of electrical connection	M12 (male, 12 pin, straight) / open
Loop resistance per length / maximum	284 mΩ/m
Insulation resistance coefficient	10 GΩ·m
Operating voltage	
• maximum	42 V

Mechanical data

Number of electrical cores	12
Design of the shield	Braided shield made of tin-plated copper wires
Outer diameter	
• of cable sheath	8.5 mm
Symmetrical tolerance of the outer diameter / of cable sheath	0.2 mm
Material	
• of the wire insulation	PVC
• of cable sheath	PUR
Color	
• of the insulation of data wires	DIN 47100
• of cable sheath	Black
Bending radius	

<ul style="list-style-type: none"> • with single bend / minimum permissible 	42.5 mm
<ul style="list-style-type: none"> • with multiple bends / minimum permissible 	85 mm
<ul style="list-style-type: none"> • with continuous bending 	85 mm
Number of bending cycles	2000000
Weight per length	87 kg/km

Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> • during operation 	-5 ... +80 °C
<ul style="list-style-type: none"> • during storage 	-30 ... +80 °C
<ul style="list-style-type: none"> • during transport 	-30 ... +80 °C
<ul style="list-style-type: none"> • during installation 	-5 ... +80 °C
Burning behavior	flame resistant according to IEC 60332-1-2, VW-1
Chemical resistance	
<ul style="list-style-type: none"> • to mineral oil 	resistant according to DIN EN 60811-2-1
<ul style="list-style-type: none"> • to grease 	resistant according to DIN EN 60811-2-1
Radiological resistance / to UV radiation	resistant

Product properties, functions, components / general

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

Further Information / Internet Links

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

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