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Data sheet 6GT2891-4LH50-0AX0

product type designation	**Cable for IO-Link, wire end sleeves / M12**
product description	Sensor cable (4-core)
	SIMATIC RF IO-Link connecting cable, pre-assembled, between IO-Link master and reader, M12 4-pole and open end, PVC, length 5 m.



suitability for use	Plug-in cable for connecting an IO-Link device to an IO-Link master
wire length	5 m
electrical data	
number of electrical connections	2
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	3
design of the shield	unshielded
outer diameter	
● of cable sheath	4.6 mm
material	
● of the wire insulation	PVC
● of cable sheath	PVC
color	
● of the insulation of data wires	red, black, orange
● of cable sheath	Black
bending radius	
● with single bend / minimum permissible	35 mm
● with multiple bends / minimum permissible	69 mm
ambient conditions	
ambient temperature	
● during operation	-10 ... +80 °C
● during storage	-40 ... +80 °C
● during transport	-40 ... +80 °C
● during installation	-10 ... +80 °C
fire behavior	flame resistant according to DIN VDE 0482-332-1-2 / EN 60332-1-2 / IEC 60332-1-2, UL VW-1, CSA FT1; UL Std. 758 (AWM) Style 2464, CSA Std. C22.2 No. 210 - AWM I/II A/B
product features, product functions, product components / general	
product feature	
● halogen-free	No
standards, specifications, approvals	
UL/ETL listing / 300 V Rating	No
reference code	
● according to IEC 81346-2	WG

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● according to IEC 81346-2:2019	WGB
further information / internet links	
internet link	
● to web page: selection aid TIA Selection Tool	https://support.industry.siemens.com/cs/ww/en/view/67384964
● to website: Industrial communication	http://www.siemens.com/ident/rfid
● to website: Industry Mall	https://mall.industry.siemens.com
● to website: Information and Download Center	http://www.siemens.com/industry/infocenter
● to website: Image database	http://automation.siemens.com/bilddb
● to website: CAx-Download-Manager	http://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com

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