SIEMENS

Data sheet   **6GT2791-2AH50**

product type designation	**Plug-in cable for Gateway Anchor, Bulgin 3 / ferrules**
product description	Flexible control cable (3-wire)
	SIMATIC RTLS accessory Plug-in cable for 24 V supply of anchor/gateway, 3-core, Bulgin plug and bare end, length: 5 m minimum order quantity: 5 units.

suitability for use	Plug-in cable for connecting RTLS4000 Gateway/Anchor to the power supply unit and sensor technology
cable designation	LiYY 3x0.56, AWG20
wire length	5 m
electrical data	
number of electrical connections	2
type of electrical connection	End sleeves / Bulgin 400 (female, 3-pin, straight)
mechanical data	
number of electrical cores	3
outer diameter	
● of cable sheath	4.8 mm
material	
● of the wire insulation	PVC
● of cable sheath	PVC
color	
● of the insulation of data wires	Red, black, brown, orange, yellow, green, blue, violet
● of cable sheath	Black
bending radius	
● with single bend / minimum permissible	36 mm
● with multiple bends / minimum permissible	72 mm
weight per length	14.6 kg/km
ambient conditions	
ambient temperature	
● during operation	-20 ... +80 °C
● during storage	-20 ... +80 °C
● during transport	-20 ... +80 °C
● during installation	-10 ... +80 °C
chemical resistance	
● to mineral oil	resistant
● to grease	resistant
radiological resistance / to UV radiation	not resistant
product features, product functions, product components / general	
product feature	
● halogen-free	No
● silicon-free	Yes
standards, specifications, approvals	
UL/ETL listing / 300 V Rating	Yes; UL Style 2464
certificate of suitability	

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● RoHS conformity	Yes
standard	
● for fire behavior / flame resistance	UL VW-1, CSA FT1
reference code	
● according to IEC 81346-2	WG
● according to IEC 81346-2:2019	WGB

further information / internet links

internet link	
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: Industry Online Support	https://support.industry.siemens.com

security information

security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

Approvals / Certificates

General Product Approval

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