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Data sheet 6GK6015-0AL20-0PG1

product type designation	**RX1500PN M12 4TX04B**
	RUGGEDCOM RX1500PN M12 4TX04B Line Module M12 Copper Ethernet Modules 4x 10/100TX 4-pin M12 with controlled Bypass Conformal Coating
product brand name	RUGGEDCOM
Technical Product Detail Page	https://i.siemens.com/1P6GK6015-0AL20-0PG1
suitability for operation	RX1500, RX1501, RX1510, RX1511, RX1512
interfaces	
number of electrical/optical connections / for network components or terminal equipment / maximum	4
number of electrical connections	
● for network components or terminal equipment / maximum	4
number of 10/100 Mbit/s M12 ports	4
type of electrical connection	
● for network components or terminal equipment	M12
ambient conditions	
ambient temperature	
● during operation	-40 ... +85 °C
● during storage	-40 ... +85 °C
● during transport	-40 ... +85 °C
● note	A maximum operating temperature of +85 °C is permissible for a duration of 16 hours
relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
protection class IP	IP40
design, dimensions and weights	
design	Media module
width	20 mm
height	115 mm
depth	180 mm
net weight	0.35 kg
product feature / conformal coating	Yes
fastening method	screwed
● installation in media module slot	Yes
standards, specifications, approvals	
standard	
● for EMC	FCC Part 15 (Class A), EN55022 (CISPR22 Class A)
● for safety / from CSA and UL	UL 60950-1, CSA C22.2 No. 60950-7
● for hazardous zone / from CSA and UL	Hazardous Locations: Class 1 Division 2
● for emitted interference	EN 61000-6-4 (Class A)
● for interference immunity	EN 61000-6-2
certificate of suitability	EN 61000-6-2, EN 61000-6-10
● CE marking	Yes
● C-Tick	No
● KC approval	No
● E1 approval	No
● railway application in accordance with EN 50155	Yes
● railway application in accordance with EN 50124-1	Yes
● IEC 61850-3	Yes
standards, specifications, approvals / Environmental Product Declaration	
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	

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● total	259.55 kg
● during manufacturing	13.3 kg
● during operation	246.21 kg
● after end of life	0.04 kg

further information / internet links

internet link	
● to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
● to website: Industry Mall/RUGGEDCOM selector	https://www.siemens.com/ruggedcom-selector
● to website: Industrial communication	https://www.siemens.com/simatic-net
● to website: Siemens RUGGEDCOM	https://www.siemens.com/ruggedcom
● to web page: SiePortal	https://sieportal.siemens.com/
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: CAx-Download-Manager	https://www.siemens.com/cax
● 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			other	Environment
Manufacturer Declaration	UKCA	CE EG-Konf.	inspection certificate	EPD

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