

RUGGEDCOM RX1500PN M12 X CG04B Line Module 8 PIN M12 X-CODED
Copper Ethernet Modules 2x 10/100/1000TX 8-pin x-coded M12

Technical Product Detail Page	https://i.siemens.com/1P6GK6015-0AL20-0PH0
suitability for operation	RX1500, RX1501, RX1510, RX1511, RX1512
interfaces	
number of electrical/optical connections / for network components or terminal equipment / maximum	2
number of electrical connections <ul style="list-style-type: none"> for network components or terminal equipment / maximum 	2
number of 10/100/1000 Mbit/s M12 ports	2
type of electrical connection <ul style="list-style-type: none"> for network components or terminal equipment 	M12
ambient conditions	
ambient temperature <ul style="list-style-type: none"> during operation during storage during transport note 	-40 ... +85 °C -40 ... +85 °C -40 ... +85 °C 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	No
fastening method <ul style="list-style-type: none"> installation in media module slot 	screwed Yes
standards, specifications, approvals	
standard <ul style="list-style-type: none"> for EMC for safety / from CSA and UL for hazardous zone / from CSA and UL for emitted interference for interference immunity 	FCC Part 15 (Class A), EN55022 (CISPR22 Class A) UL 60950-1, CSA C22.2 No. 60950-7 Hazardous Locations: Class 1 Division 2 EN 61000-6-4 (Class A) EN 61000-6-2
certificate of suitability <ul style="list-style-type: none"> CE marking C-Tick KC approval E1 approval railway application in accordance with EN 50155 railway application in accordance with EN 50124-1 IEC 61850-3 	EN 61000-6-2, EN 61000-6-10 Yes No No No Yes Yes Yes
standards, specifications, approvals / Environmental Product Declaration	
Environmental Product Declaration	Yes
global warming potential [CO2 eq] <ul style="list-style-type: none"> total during manufacturing 	259.55 kg 13.3 kg

- during operation
- after end of life

246.21 kg
0.04 kg

further information / internet links

internet link

- to website: Selection guide for cables and connectors
- to website: Industry Mall/RUGGEDCOM selector
- to website: Industrial communication
- to website: Siemens RUGGEDCOM
- to web page: SiePortal
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

<https://support.industry.siemens.com/cs/ww/en/view/109766358>
<https://www.siemens.com/ruggedcom-selector>
<https://www.siemens.com/simatic-net>
<https://www.siemens.com/ruggedcom>
<https://sieportal.siemens.com/>
<https://www.automation.siemens.com/bilddb>
<https://www.siemens.com/cax>
<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](#)



[inspection certificate](#)



last modified:

11/14/2025