

Product type designation

SIPLUS NET OLM/G11-1300 V4.0

SIPLUS NET OLM/G11-1300 V4.0 -25...+60°C with conformal coating based on 6GK1503-2CC00 . Optical Link Module with 1 RS485 and 1 glass FOC interface (2 BFOC sockets), 1300Nm Shaft Length for large distances with signaling contact and test port



Figure similar

Transfer rate

Transfer rate / with PROFIBUS	9.6 kbit/s ... 12 Mbit/s
Transfer rate / with PROFIBUS PA	45.45 kbit/s

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 • for measuring device • for signaling contact • for redundant voltage supply 	<p>1</p> <p>1</p> <p>1</p> <p>1</p>
Type of electrical connection	
<ul style="list-style-type: none"> • for network components or terminal equipment • for measuring device • for power supply • for power supply and signaling contact 	<p>9-pin Sub-D socket</p> <p>2-pole terminal block</p> <p>-</p> <p>5-pole terminal block</p>

Number of optical interfaces / for fiber optic cable	1
Design of the optical interface / for fiber optic cable	BFOC port

Optical data

Damping ratio / of the FOC transmission link	
<ul style="list-style-type: none"> for glass FOC with 10/125 µm or 9/125 µm / at 0.5 dB/km / maximum 	8 dB
<ul style="list-style-type: none"> for glass FOC with 62.5/125 µm / at 1 dB/km / maximum 	10 dB
propagation delay [bit]	6.5 bit
Connectable optical power relative to 1 mW	
<ul style="list-style-type: none"> for glass FOC with 10/125 µm or 9/125 µm / at 0.5 dB/km 	-19 dB
<ul style="list-style-type: none"> for glass FOC with 62.5/125 µm / at 1 dB/km 	-17 dB
Optical sensitivity relating to 1 mW	
<ul style="list-style-type: none"> for glass FOC with 10/125 µm or 9/125 µm / at 0.5 dB/km 	-29 dB
<ul style="list-style-type: none"> for glass FOC with 62.5/125 µm / at 1 dB/km 	-29 dB
Wavelength	
<ul style="list-style-type: none"> for glass FOC with 10/125 µm or 9/125 µm / compatible with interface / at 0.5 dB/km 	1310 nm
<ul style="list-style-type: none"> for glass FOC with 62.5/125 µm / compatible with interface / at 1 dB/km 	1310 nm
Wire length	
<ul style="list-style-type: none"> for glass FOC with 10/125 µm or 9/125 µm / at 0.5 dB/km / maximum 	15 km
<ul style="list-style-type: none"> for glass FOC with 62.5/125 µm / at 1 dB/km / maximum 	10 km

Signal inputs/outputs

Operating voltage / of the signaling contacts / at DC / Rated value	24 V
Operating current / of the signaling contacts / at DC / maximum	0.1 A

Supply voltage, current consumption, power loss

Type of voltage / of the supply voltage	DC
Supply voltage / at DC / Rated value	24 V
Supply voltage / at DC	18.8 ... 28.8 V
Product component / fusing at power supply input	Yes
Consumed current / at DC / at 24 V / maximum	0.2 A

Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> in horizontal mounting position / during operation 	60 ... -25 °C
<ul style="list-style-type: none"> during storage and transport 	70 ... -40 °C

Installation altitude / at height above sea level / maximum	5000 m
Relative humidity <ul style="list-style-type: none"> • with condensation / acc. to IEC 60068-2-38 / maximum 	100 %
Chemical resistance / to commercially available cooling lubricants	Yes
Resistance to biologically active substances <ul style="list-style-type: none"> • conformity acc. to EN 60721-3-3 • conformity acc. to EN 60721-3-6 	Yes Yes
Resistance to chemically active substances <ul style="list-style-type: none"> • conformity acc. to EN 60721-3-3 • conformity acc. to EN 60721-3-6 	Yes Yes
Resistance to mechanically active substances <ul style="list-style-type: none"> • conformity acc. to EN 60721-3-3 • conformity acc. to EN 60721-3-6 	Yes Yes
Coating / for equipped printed circuit board / acc. to EN 61086	Yes
Type of coating <ul style="list-style-type: none"> • protection against pollution according to EN 60664-3 	Yes
Type of test / of the coating / acc. to MIL-I-46058C	Yes
Product conformity / of the coating / Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies acc. to IPC-CC-830A	Yes
Protection class IP	IP40
Design	compact
Width	39.5 mm
Height	112 mm
Depth	74.5 mm
Net weight	340 g
Mounting type <ul style="list-style-type: none"> • 35 mm DIN rail mounting • wall mounting 	Yes Yes

Standards, specifications, approvals

Standard <ul style="list-style-type: none"> • for emitted interference • for interference immunity 	EN 61000-6-4 (Class A) EN 61000-6-4
Certificate of suitability <ul style="list-style-type: none"> • CE marking 	EN 61000-6-2, EN 61000-6-6 Yes

Further information / Internet-Links

Internet-Link	
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- to website: Selector SIMATIC NET SELECTION TOOL
- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAx Download Manager
- to website: Industry Online Support

<http://www.siemens.com/snst>

<http://www.siemens.com/simatic-net>

<https://mall.industry.siemens.com>

<http://www.siemens.com/industry/infocenter>

<http://automation.siemens.com/bilddb>

<http://www.siemens.com/cax>

<https://support.industry.siemens.com>

Security information

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