

MINIMCD-1GSC20K - 314001



**Mini industrial media converter  
10/100/1000 to 1000 Base-X, SM SC  
connector 20km.**

## DESCRIPTION

Mini industrial media converter 10/100/1000 to 1000 Base-X, SM SC connector 20km. Power supply not included.



## KEY STRENGTHS

- 1-Port 10/100/1000BASE-T RJ45 with auto
- MDI / MDI-X function
- 1 SC Port, 1000Base-X
- Supports Full/Half-duplex, Auto-negotiation
- IEEE 802.3az Energy Efficient Ethernet (EEE)
- Extensive LED indicators for network diagnostics
- 12~48VDC Terminal Block Power Input
- Supports DIN-Rail & Wall-mount installation
- Environmentally hardened -40°C to 75°C (-40°F to 167°F) operating temperature



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## SPECIFICATIONS

<b>REFERENCE</b>	<b>MINIMCD-1GSC20K</b>
Code	314001
<b>ETHERNET</b>	
Standards:	IEEE802.3 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-X IEEE 802.3az Energy Efficient Ethernet (EEE)
Processing Type:	Store-and-Forward
Forward Filter Rate:	14,880pps (10Mbps) 148,800pps (100Mbps) 1,488,000pps (1000Mbps)
Packet Buffer Memory:	1 Mbit
Max Packet Length:	9K Bytes
Address Table Size	2K MAC Addresses
<b>INTERFACE</b>	
Connector:	1x RJ45
Optical Port:	1 x SC 1000Base-X
<b>ELECTRICAL AND MECHANICAL</b>	
Input Power:	12~48VDC, 2-pin terminal block
Power Consumption:	3W Max.
<b>LED INDICATORS:</b>	
PWR:	Power Status
L/A:	Data LINK Status
SPD:	Ethernet Status
100M/1000M:	Fiber LINK Status
Dimensions (WxDxH):	95 x 70 x 30 mm
Weight:	0.25Kg
Casing:	Aluminum Case
Mounting Options:	DIN-Rail / Wall-mount
<b>ENVIRONMENTAL</b>	
Operating Temperature:	-40°C to 75°C (-40°F to 167°F)
Storage Temperature:	-40°C to 85°C (-40°F to 185°F)
Relative Humidity:	5% to 95% non-condensing
MTBF	> 200,000 hrs