



HIRSCHMANN

A BELDEN BRAND

Product information Greyhound 1040 - Module - GMM20- VVVMMMSZ9HHS999.9

Industrial Ethernet: Ruggedized Switches: GREYHOUND Gigabit Ethernet-Switch, media modules and power supplies: with HiOS 6.0/7.0: Greyhound 1040 - Module

<http://dev-catalog.beldensolutions.com/link/57078-24455-49846-433327-459805-459935/en/GMM20-VVVMMMSZ9HHS999.9/uistate>

Name	Greyhound 1040 - Module
	
	GREYHOUND1042 Fast Ethernet media module
Delivery informations	
Availability	available
Product description	
Type	GMM20-VVVMMMSZ9HHS999.9
Order No.	GMM20-VVVMMMSZ9HHS999.9
Description	GREYHOUND1042 Fast Ethernet media module
Port type and quantity	8 ports Fast Ethernet; 2 x FE SM, SC; 2 x FE SM, SC; 2 x FE MM, SC; 2 x FE MM, SC
Network size - length of cable	
Multimode fiber (MM) 50/125 µm	0 - 5000 m, 8 dB Link Budget at 1300 nm, A = 1 dB/km, 3 dB reserve, B = 800 MHz x km
Multimode fiber (MM) 62.5/125 µm	0 - 4000 m, 11 dB Link Budget at 1300 nm, A = 1 dB/km, 3 dB reserve, B = 500 MHz x km
Single mode fiber (SM) 9/125 µm	0 - 32.5 km, 16 dB Link Budget at 1300 nm, A = 0.4 dB/km, 3 dB reserve, D = 3.5 ps/(nm x km)
Power requirements	
Operating voltage	via switch
Power consumption	5.5 - 10W (without PoE)
Ambient conditions	
Operating temperature	0 °C ... 60 °C
Storage/transport temperature	-40 °C ... 70 °C
Relative humidity (non-condensing)	5 % ... 95 %
Mechanical stability	
IEC 60068-2-27 shock	15 g, 11 ms duration, 18 shocks
IEC 60068-2-6 vibration	1 mm, 2 Hz-13.2 Hz, 90 min.; 0.7 g, 13.2 Hz-100 Hz, 90 min.; 3.5 mm, 3 Hz-9 Hz, 10 cycles, 1 octave/min.; 1 g, 9 Hz-150 Hz, 10 cycles, 1 octave/min
EMC interference immunity	
EN 61000-4-2 electrostatic discharge (ESD)	8 kV contact discharge, 15 kV air discharge
EN 61000-4-3 electromagnetic field	35 V/m (80-2700 MHz); 1 kHz, 80% AM
EN 61000-4-4 fast transients (burst)	4 kV power line, 4 kV data line
EN 61000-4-5 surge voltage	power line: 2 kV (line/earth), 1 kV (line/line), 1 kV data line, IEEE1613: power line 5 kV (line/earth)
EN 61000-4-6 conducted immunity	3 V (10 kHz-150 kHz), 10 V (150 kHz-80 MHz)
EN 61000-4-16 mains frequency voltage	30 V, 50 Hz continuous; 300 V, 50 Hz 1 s
EMC emitted immunity	
FCC CFR47 Part 15	FCC 47 CFR Part 15 Class A
EN 55022	EN 55022 Class A
Approvals	
Safety of industrial control equipment	EN61131, EN60950
Scope of delivery and accessories	
Scope of delivery	Device, operating manual



HIRSCHMANN

A **BELDEN** BRAND

For more information please contact:

Hirschmann Automation and Control GmbH

Stuttgarter Strasse 45-51

72654 Neckartenzlingen

Germany

Phone: +49 7127/14-1809

E-Mail: inet-sales@belden.com

The information published in the websites has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price-related/commercial respect. The complete information and data were available on user documentation. Mandatory information can only be obtained by a concrete query.