



Product information
OZD 485 G12 BAS
943 893-321

Name	
Name	OZD 485 G12 BAS
	
	interface converter electrical/optical for RS 485 field bus networks; repeater function; for quartz glass F0; electrical semi-duplex mode
Delivery informations	
Availability	available
Product description	
Description	interface converter electrical/optical for RS 485 field bus networks; repeater function; for quartz glass F0; electrical semi-duplex mode
Port type and quantity	2 x optical: BFOC 2.5 (STR) socket; 1 x electrical: 6-pin terminal block
Type	OZD 485 G12 BAS
Order No.	943 893-321
Electrical interface	
Signal type	RS 485
Input resistance	10 kOhm
Input voltage range	-7 V ... +12 V
Jitter	typ. 10 nspp
Distortion of bit duration	typ. 1 nspp
Bit rate	0 to 1.5 Mbit/s NRZ
Optical interface	
Wavelength	860 nm
Optical input power	-30 dBm
More interfaces	
Power supply	5-pin terminal block
Signaling contact	-
Voltage output	-
Network size - length of cable	
Single mode fiber (SM) 9/125 µm	-
Multimode fiber (MM) 50/125 µm	2300 m 10 dB link budget at 860 nm; A = 3 dB/km, 3 dB reserve
Multimode fiber (MM) 62.5/125 µm	3100 m 14 dB link budget at 860 nm; A = 3.5 dB/km, 3 dB reserve
System delay time	<1,56 us
Power requirements	
Operating voltage	18 ... 32 VDC (typ. 24 VDC)
Current consumption	80 mA at 24 VDC, 65 mA at 32 VDC
Power consumption	<2,1 W
Redundancy	
Redundancy functions	-
Ambient conditions	
Operating temperature	0 °C to +60 °C
Storage/transport temperature	-25 °C to +80 °C
Relative humidity	<95% (non-condensing)
Mechanical construction	
Dimensions (W x H x D)	35 x 156 x 119
Mounting	DIN rail
Weight	180 g
Protection class	IP 20
Housing material	plastics

The information published has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price related/commercial respect.



Approvals	
Issued or requested approvals	C-Tick
Scope of delivery and accessories	
Scope of delivery	device, start-up instructions
Accessories to order separately	manual, order no. 039 516-001

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