




## Product information OEV 052-E BFOC

Fiber Interfaces:Archive - Fiber Interfaces:Video:Composite Video Transmitters/Receivers:OEV 052-E BFOC

<http://www.e-catalog.beldensolutions.com/link/57078-57141-57328-24579-24580-37904/en/conf/ui/state>

Name	OEV 052-E BFOC
	
	Composite video receiver 7 MHz; can be combined with the transmitters OSV 052 BFOC, OSV 052-E BFOC, OSVC 01 BFOC
<b>Delivery informations</b>	
Availability	no longer available
<b>Product description</b>	
Description	Composite video receiver 7 MHz; can be combined with the transmitters OSV 052 BFOC, OSV 052-E BFOC, OSVC 01 BFOC
Port type and quantity	1 x optical: BFOC 2.5 (STR) socket 1 x electrical: BNC socket
Type	OEV 052-E BFOC
Order No.	933 964-021
<b>Electrical interface</b>	
Signal type	composite
Output voltage	1 Vpp at 75 Ohm
Output resistance	75 Ohm
Pulse tilt (horiz. and vert.)	typ. 2%
Differential phase	typ. 2.5°
Upper limiting frequency (-3 dB)	7 MHz
<b>Optical interface</b>	
Wavelength	860 nm
Optical input power	>= 0.8 µWpp, -31 dBm with S/N > 45 dBw
Laser protection class	1 according to DIN EN 60825
<b>More Interfaces</b>	
Power supply	plug connector according to DIN EN 60603-2; pin 1: ground, pin 32: +VS
<b>Network size - length of cable</b>	
Multimode fiber (MM) 50/125 µm	3300 m 13 dB link budget, A = 3.0 dB/km, 3 dB reserve with OSV 052 BFOC, OSV 052-E BFOC Kombination
Multimode fiber (MM) 62.5/125 µm	3400 m 15 dB link budget, A = 3.5 dB/km, 3 dB reserve with OSV 052 BFOC, OSV 052-E BFOC Kombination
<b>Power requirements</b>	
Operating voltage	17.6 ... 24 V
Current consumption	120 mA
Power consumption	2.9 W
<b>Ambient conditions</b>	
Operating temperature	-20 °C to +50 °C
Storage/transport temperature	-20 °C to +80 °C
Relative humidity (non-condensing)	10% to 90%
<b>Mechanical construction</b>	
Mounting	19" plug-in card
Dimensions (W x H x D)	30 (6 PU) x 128.5 (3 HU) x 185 mm
Weight	450 g
<b>EMC interference immunity</b>	
EN 61000-4-2 electrostatic discharge (ESD)	contact discharge: 4 kV, air discharge: 8 kV
EN 61000-4-3 electromagnetic field	10 V/m (80 - 1000 MHz)
EN 61000-4-4 fast transients (burst)	power line: 2 kV, data line: 1 kV
EN 61000-4-5 surge voltage	power line: 1 kV (line/line)
<b>EMC emitted immunity</b>	
EN 55022	EN 55022 limit class B
<b>Scope of delivery and accessories</b>	
Scope of delivery	plug-in receiver card, operating instructions

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<b>Accessories to order separately</b>	19" subrack ART 84
<b>Notes</b>	
<b>Picture signal</b>	To ensure correct operation, the controller requires a degree of whiteness of 0.5% in the picture signal.

For more information please contact:

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