

Industrial Ethernet IE-SFP-1FESLC-T

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Product image



- Supports DDM (Digital Diagnostic Monitoring)
- IEEE 802.3z compliant (Gigabit Ethernet SFPs)
- IEEE 802.3u compliant (Fast Ethernet SFPs)
- Symmetric LVPECL I/Os (Gigabit Ethernet SFPs)
- Symmetric PECL I/Os (Fast Ethernet SFPs)
- TTL signal detection indicator
- Pluggable in operation (hot pluggable)
- Class 1 laser product, EN60825-1 compliant

General ordering data

Type	IE-SFP-1FESLC-T
Order No.	1241470000
Version	SFP Transceiver, 100 Mbps, Singlemode, LC-Duplex, 40 km, -40 °C...85 °C
GTIN (EAN)	4050118029420
Qty.	1 pc(s).

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Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data
Dimensions and weights

Net weight 40 g

EMC conformity and approvals

EMC standards	EN 55032, EN 55024	Safety standard	UL 60950-1
Ship use	DNV-GL		

Environmental conditions

Humidity	5 to 95 % (non-condensing)	Operating temperature, max.	85 °C
Operating temperature, min.	-40 °C	Storage temperature, max.	85 °C
Storage temperature, min.	-40 °C		

Fibre optic transceiver characteristics

Transmission rate	100 Mbps		
Digital diagnostic monitor function (DDM)	Supported		
Transceiver type	Singlemode		
Connector type	LC-Duplex		
Transmission distance, typ.	40 km		
Wavelength	typ.	1,310 nm	
	Wavelength	TX	
	min.	1,280 nm	
	max.	1,340 nm	
	Wavelength	RX	
	min.	1,100 nm	
Receive power	min.	-34 dBm	
	max.	-3 dBm	
Transmission power	min.	-5 dBm	
	max.	0 dBm	
Link-budget	29 dB		

Guarantee

Time interval 3 years

Power supply

Voltage supply 3.3 V (via Ethernet switch)

Technical data

Type of mounting Insert in SFP slot

Classifications

ETIM 6.0	EC001121	ETIM 7.0	EC001121
eClass 9.0	27-44-03-92	eClass 9.1	27-44-02-92
eClass 10.0	27-44-03-92		

Data sheet**Industrial Ethernet
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Technical data**Approvals**

Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[DNV-GL certificate](#)
[EU Declaration of Conformity](#)

Brochure/Catalogue

[CAT 9 IETH 18/19 EN](#)

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Accessories**LC-Duplex**

Mounting rail outlet, LC duplex junction design according to IEC 61754-20

General ordering data

Type	IE-TO-LCD-SM	Version
Order No.	8947020000	Mounting rail outlet, fibre-optic, LC Duplex, Singlemode, IP20
GTIN (EAN)	4032248735037	
Qty.	10 pc(s).	