


**FL IF 2FX SC-F**

Order No.: 2832412

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2832412>FO media module for connecting 100Base-FX multimode glass fibers  
(1300 nm), connection direction forwards**Ethernet****Commercial data**

GTIN (EAN)	 4 017918 974466
sales group	K000
Pack	1 pcs.
Customs tariff	85176200
Catalog page information	Page 189 (AX-2009)

**Product notes**WEEE/RoHS-compliant since:  
11/27/2007

<http://www.download.phoenixcontact.com>  
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**Technical data****Interfaces**

Interface	Ethernet: 100Base-FX in acc. with IEEE 802.3
No. of ports	2
Type of connection	SC connector
Transmission speed	100 MBit/s

Transmission length	10000 m (maximum (depends on the fiber used))
Interface	Ethernet: 100Base-FX in acc. with IEEE 802.3
No. of ports	2
Type of connection	SC connector
Transmission speed	100 MBit/s
Transmission length	2800 m (glass fiber with F-G 50/125 1.6 dB/km F800)
	6400 m (glass fiber with F-G 50/125 0.7 dB/km F1200)
	3000 m (glass fiber with F-G 62.5/125 2.6 dB/km F600)
	2800 m (glass fiber with F-G 50/125 1.6 dB/km F800)

**Function**

Basic functions	Media module for modular managed switch
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**Supply voltage**

Supply voltage	(via head station)
Typical current consumption	200 mA

**General data**

Weight	80 g
Width	31 mm
Height	75.7 mm
Depth	72.5 mm
Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 55 °C (no condensation)
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Permissible humidity (operation)	10 % ... 95 % (no condensation)
Permissible humidity (storage/transport)	10 % ... 95 % (no condensation)
Housing material	PA
Noise emission	EN 61000-6-3/-4
Noise immunity	EN 61000-6-2:2005

**Mechanical tests**

Type of test	Shock test in acc. with IEC 60068-2-27
Test result	Operation: 25 g, 11 ms duration, semi-sinusoidal shock impulse
Type of test	Shock test in acc. with IEC 60068-2-27
Test result	Storage/Transport: 50 g, 11 ms duration, semi-sinusoidal shock impulse
Inflammability class acc. to UL 94	V0

**Conformity with EMC directives**

Developed in acc. with standard	IEC 61000-6.2
Test standard	IEC 61000-4-2 (ESD)
Test result	Criterion B
Test standard	IEC 61000-4-3 (immunity to radiated interference)
Test result	Criterion A
Test standard	IEC 61000-4-4 (burst)
Test result	Criterion A
Test standard	IEC 61000-4-5 (surge)
Test result	Criterion A
Test standard	IEC 61000-4-6 (immunity to conducted interference)
Test result	Criterion A
Test standard	IEC 61000-4-8 (immunity to magnetic fields)
Test result	Criterion A
Test standard	EN 55022 (emitted interference)
Test result	Criterion A

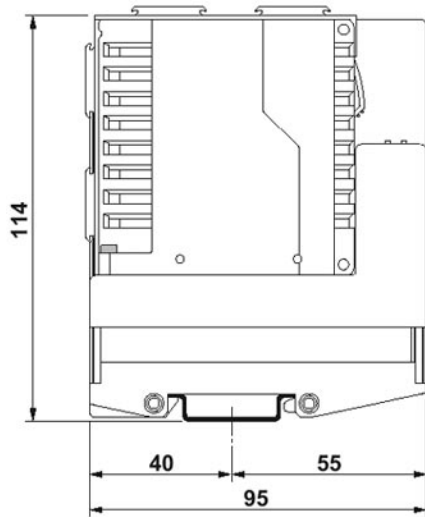
**Certificates / Approvals**



Certification ABS, CUL, UL  
Certification Ex: CUL-EX LIS, UL-EX LIS

## Diagrams/Drawings

### Dimensioned drawing



The illustration shows a version of the interface module with the head station FL SWITCH MM HS

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