

# FL IF 2FX SM SC-D


Order No.: 2832205

The illustration shows a version with front connection



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2832205>

FO interface module for connecting single mode (monomode) glass fibers (1300 nm) to the Factoryline Modular Managed Switch, output downwards

Commercial data	
GTIN (EAN)	
sales group	K000
Pack	1 pcs.
Customs tariff	85176200
Catalog page information	Page 190 (AX-2009)

### Product notes

WEEE/RoHS-compliant since:  
08/29/2008



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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	36000 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	36000 m (glass fiber with F-G 9/125 0.36 dB/km)
	32000 m (glass fiber with F-G 9/125 0.4 dB/km)
	26000 m (glass fiber with F-G 9/125 0.5 dB/km)
<b>Function</b>	
Basic functions	Media module for modular managed switch
<b>Supply voltage</b>	
Supply voltage	(via head station)
Typical current consumption	200 mA
<b>General data</b>	
Weight	80 g
Width	31 mm
Height	85 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
<b>Mechanical tests</b>	
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, BV, CUL, DNV, GL, LR, UL

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

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