

FOC-I-D1PGY-S/MPBGC - FO coupling



1041840

<https://www.phoenixcontact.com/us/products/1041840>

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FO coupling, degree of protection: IP20, number of positions: 2, material: Plastic, connection method: Coupling, cable outlet: straight, Ethernet

Your advantages

- High reliability with comprehensive quality assurance measures
- Optimized precision (stability) with the use of ceramic sleeves
- Future-proof, thanks to RoHS 2 conformity
- Tailored for compatibility with the DIN rail adapters
- Assembly without special tools
- Flexible use, thanks to DIN rail and direct mounting
- Space-saving design
- With dust protection caps

Commercial data

Item number	1041840
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIDA
GTIN	4055626598680
Weight per piece (including packing)	7.9 g
Weight per piece (excluding packing)	7.9 g
Customs tariff number	85367000
Country of origin	CN

Technical data

Notes

Notes on operation	For integration into DIN rail adapter NBC-PP-G1PGY
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Product properties

Product type	Data plug
Type	FSMA
Sensor type	Ethernet
Number of positions	2
Connection profile	MTP: type B
No. of cable outlets	2
Number of slots	1
Cable outlet	straight

Insulation characteristics

Overvoltage category	III
Degree of pollution	2

Electrical properties

Rated surge voltage	0.8 kV
Nominal current I_N	0.5 A
Transmission medium	FO

Connection data

Connection method	Coupling
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Material specifications

Color of the housing part	beige
Flammability rating according to UL 94	V0
Housing material	Plastic
Contact material	Copper alloy

Cable/line

Cable type	Fiberglass
External sheath, color	silver-colored
Tensile strength short-term/long-term	40 N
Resistance to oil	no

FO cable

Number of fibers	2
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Mechanical properties

Tensile strength short-term/long-term	40 N
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Mechanical data

Insertion/withdrawal cycles	≥ 500
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
	IP20
Ambient temperature (operation)	-10 °C ... 70 °C
Resistance to UV radiation	no
Resistance to oil	no

Standards and regulations

Resistance to oil	no
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Mounting

Mounting type	Snap in
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Classifications

ECLASS

ECLASS-13.0	19170116
ECLASS-15.0	19170116

ETIM

ETIM 10.0	EC000752
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UNSPSC

UNSPSC 21.0	26121600
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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