

# FOC-I-D1PGY-S/MPAGC - Fiber optic coupling



1041820

<https://www.phoenixcontact.com/us/products/1041820>

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Fiber optic 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 with 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	1041820
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIDA
Catalog page	Page 375 (C-2-2019)
GTIN	4055626598673
Weight per piece (including packing)	6.5 g
Weight per piece (excluding packing)	6.5 g
Customs tariff number	85367000
Country of origin	CN

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## Technical data

### Notes

General	For integration into DIN rail adapter NBC-PP-G1PGY
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### Product properties

Product type	Female insert
Type	FSMA
Sensor type	Ethernet
Number of positions	2
Connection profile	MTP: type A
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 technology

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

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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-11.0	19170116
ECLASS-12.0	19170116
ECLASS-13.0	19170116

### ETIM

ETIM 9.0	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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## Mandatory accessories

NBC-PP-G1PGY - DIN rail adapter

1041740

<https://www.phoenixcontact.com/us/products/1041740>



DIN rail adapter, design: Headers with shielding, degree of protection: IP20, material: PC-GF10, connection method: Quick connection, without assembled modules

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## Accessories

NBC-PP-G1PGY - DIN rail adapter

1041740

<https://www.phoenixcontact.com/us/products/1041740>



DIN rail adapter, design: Headers with shielding, degree of protection: IP20, material: PC-GF10, connection method: Quick connection, without assembled modules

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## CUC-PP-FR19:1U-I-EMPTY:24 - Marshalling panel

1422978

<https://www.phoenixcontact.com/us/products/1422978>

Patch bay, 19" mounting, IP20, with 24 slots selectively for RJ45 cable connection modules, RJ45 coupling modules, LC duplex, SC simplex and MPO, medium gray



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## CUC-PP-FR19:1U-I-EMPTY:24 BK - Marshalling panel

1422979

<https://www.phoenixcontact.com/us/products/1422979>

Marshalling panel, design: RJ45, degree of protection: IP20, material: PC-GF, connection method: Quick connection, housing size: 1, color: black



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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)