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

1041820

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

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, 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	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

Technical data

Notes

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

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

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

Mechanical properties

Tensile strength short-term/long-term	40 N

Mechanical data	
Insertion/withdrawal cycles	≥ 500

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

Mounting

Mounting type	Snap in

Classifications

ECLASS

ECLASS-11.0	19170116
ECLASS-12.0	19170116
ECLASS-13.0	19170116

ETIM

ETIM 9.0	EC000752

UNSPSC

UNSPSC 21.0	26121600

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

1041820

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

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

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%

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

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

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

1041820

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

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

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