

IB L2-M ADAP 1/1 M12 - Y distributor

2819163

<https://www.phoenixcontact.com/us/products/2819163>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Y plug, for connecting a Loop 2 S Line module with the Loop 2 (M12)



Commercial data

Item number	2819163
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BF10
Product key	BF1GAB
GTIN	4017918193140
Weight per piece (including packing)	29.44 g
Weight per piece (excluding packing)	26.24 g
Customs tariff number	85366990
Country of origin	PL

IB L2-M ADAP 1/1 M12 - Y distributor

2819163

<https://www.phoenixcontact.com/us/products/2819163>

Technical data

Notes

General	with center distance of 18 mm, suitable for molded connectors and unshielded connectors that can be assembled with QUICKON IDC terminal block connection technology and a connection range of 0.14 mm ² to 0.34 mm ²
---------	--

Product properties

Product type	Y-distributor
Number of positions	5
No. of cable outlets	2
Shielded	no
Coding	A
Thread type	M12

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

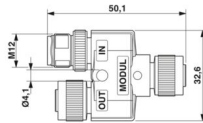
Electrical properties

Insulation resistance	≥ 10 GΩ
Nominal voltage U _N	48 V AC
	60 V DC
Nominal current I _N	4 A

Signaling

Status display	No
Status display present	No

Dimensions

Dimensional drawing	
Length	50.1 mm
Center distance	18 mm

Material specifications

Flammability rating according to UL 94	HB
Seal material	NBR
Material of grip body	TPU, hardly inflammable, self-extinguishing
Contact material	CuZn
Contact surface material	Ni/Au

IB L2-M ADAP 1/1 M12 - Y distributor



2819163

<https://www.phoenixcontact.com/us/products/2819163>

Contact carrier material	TPU GF
Material for screw connection	Zinc die-cast, nickel-plated

Connector

Connection 1

Type	Socket straight M12
Coding type	A

Connection 2

Type	Socket straight M12
Coding type	A

Connection 3

Type	Plug straight M12
Coding type	A

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100
-----------------------------	-------

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-25 °C ... 90 °C (Plug / socket)

Standards and regulations

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101

IB L2-M ADAP 1/1 M12 - Y distributor



2819163

<https://www.phoenixcontact.com/us/products/2819163>

Classifications

ECLASS

ECLASS-11.0	27440106
ECLASS-12.0	27440106
ECLASS-13.0	27440106

ETIM

ETIM 9.0	EC002925
----------	----------

UNSPSC

UNSPSC 21.0	31251500
-------------	----------

IB L2-M ADAP 1/1 M12 - Y distributor



2819163

<https://www.phoenixcontact.com/us/products/2819163>

Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

Phoenix Contact 2024 © - all rights reserved

<https://www.phoenixcontact.com>

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