

## DF-G1-KS-Q5

### ► DF-G1 SERIES GENERAL PURPOSE FIBER OPTIC AMPLIFIER



DF-G1 Dual Display Fiber Amplifier  
 Range: Depends on Fiber; Input 18-30 V dc  
 Output 1: Push/Pull with IO-Link; Output 2: PNP only  
 150 mm (6 in) 4-pin M12 Pigtail QD  
 Número de Parte: 19524

#### CERTIFICACIONES



	<b>DXMR110-8K</b>
DXMR110 8-port IO-Link Master/Controller Power: 18-30 V dc Female M12 (D-Code Ethernet) IP65, IP67 Ethernet IP, Modbus TCP, and Profinet	
	<b>DXMR90-4K</b>
DXMR90 IO-Link Master/Controller Power: 18-30 V dc Female M12 (D-Code Ethernet) IP65, IP67 Ethernet IP, Modbus TCP, and Profinet	

#### ESPECIFICACIONES

<b>Power</b>	DC
<b>Cable Length (m)</b>	0.15
<b>IP Rating</b>	IP50
<b>Accepts Fiber Termination Type</b>	Unterminated Plastic Fibers or T5 Termination
<b>NEMA / UL Type Rating</b>	NEMA 4X
<b>Item Status</b>	RELEASED
<b>Housing Style</b>	DIN Rail
<b>Primary Housing Material</b>	Thermoplastic
<b>Input/Output</b>	Discrete & Serial
<b>Color LED - Amplifiers</b>	Red
<b>Fiber Type</b>	Plastic and Glass
<b>Output</b>	IO-Link/PNP
<b>Connection</b>	Pigtail QD

<b>Quick Disconnect Type</b>	M12
<b>Output Type (Specific)</b>	IO-Link and Single Discrete
<b>Repeatability (&amp;micro;s)</b>	66 to 100
<b>Number of Pins</b>	4
<b>Max Op. Temperature [°C]</b>	55
<b>Min Op. Temperature [°C]</b>	-10
<b>Max Op. Relative Humidity (%)</b>	90% @ 60°C
<b>Special Feature: Remote Teach</b>	No
<b>Crosstalk Avoidance</b>	Yes
<b>Intrinsically Safe</b>	No
<b>Adjustments</b>	Teach Button
<b>Power Supply/Supply Voltage</b>	10-30 V dc
<b>Delay at Power-up (ms)</b>	500
<b>Indicator Display Type</b>	Dual Digital Displays
<b>Minimum response time (ms)</b>	.2
<b>Special Feature: Bussable Power</b>	No
<b>Feature: Washdown Rated</b>	No
<b>Feature: Timing (Hold/Delay)</b>	Yes
<b>Feature: Audible</b>	No
<b>Feature: Quick Disconnect</b>	Yes
<b>Feature: Health/Marginal Signal Output</b>	No
<b>IO Link</b>	Yes
<b>Housing Material</b>	Thermoplastic
<b>EPLAN Status</b>	Published
<b>EPLAN Original Sent Date</b>	03/29/2023

## PRODUCTOS RECOMENDADOS

### BRACKETS

<b>DIN-35-105</b>
DIN Rail Section 35 mm Design 105 mm long
<b>DIN-35-140</b>
35 mm DIN Rail Track 140 mm length track Accommodates up to 8 MD 14 Amplifiers

<b>DIN-35-70</b>
35 mm DIN Rail Track 70 mm length track Accommodates up to 4 MD 14 Amplifiers
<b>SA-DIN-BRACKET</b>
Bracket: Sensor Accessory DIN Bracket and Hardware For 1 DIN Mount Fiber Amplifier
<b>SA-DIN-BRACKET-10</b>
Accessory: Sensor DIN Bracket and Hardware For 1 DIN Mount Fiber Amplifier Pack of 10
<b>SA-DIN-CLAMP</b>
Accessory: Pair of Metal DIN Rail End Stops

**DXMR110 IO-LINK MASTER**

<b>DXMR110-8K</b>
DXMR110 8-port IO-Link Master/Controller Power: 18-30 V dc Female M12 (D-Code Ethernet) IP65, IP67 Ethernet IP, Modbus TCP, and Profinet

<b>MQDC-406</b>
Cordset: Single-Ended A-Code M12 4-pin Straight Female Connector 2 m (6.56 ft) Black PVC Jacket Nickel-Plated Brass Coupling Nut
<b>MQDC-406RA</b>
Cordset: Single-Ended M12 4-pin Right-Angle Female 2 m (6.56 ft) 4x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut
<b>MQDC-415</b>
Cordset: Single-Ended M12 4-pin Straight Female 5 m (16.4 ft) 4x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut
<b>MQDC-415RA</b>
Cordset: Single-Ended M12 4-pin Right-Angle Female 5 m (16.4 ft) 4x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut
<b>MQDC-430</b>
Cordset: Single-Ended M12 4-pin Straight Female 9 m (29.53 ft) 4x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut
<b>MQDC-430RA</b>
Cordset: Single-Ended M12 4-pin Right-Angle Female 9 m (29.53 ft) 4x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut

<b>MQDC-450</b>
Cordset: Single-Ended M12 4-pin Straight Female 15 m 4x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut
<b>MQDC-450RA</b>
Cordset: Single-Ended M12 4-pin Right-Angle Female 15 m 4x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut

**INDUSTRIAL CONTROLLER: DXMR90 SERIES**

<b>DXMR90-4K</b>
DXMR90 IO-Link Master/Controller Power: 18-30 V dc Female M12 (D-Code Ethernet) IP65, IP67 Ethernet IP, Modbus TCP, and Profinet