

BULGIN Explora Series



This product is RoHS compliant.



NEW TECHNOLOGY NEW TECHNOLOGY

Circular Connectors Bulgin

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EXP SERIES EXPLORA - HAZARDOUS AREA

Specifications:

- ATEX approval for Zone 2 & 22 applications
- Water and dustproof to IP68 when mated
- Positive locating keyways - cannot be mis-connected
- Compact design
- Easy assembly - no special tools required
- ATEX Coding: Ex II 3 GD
- ATEX Classification: Ex nA IIC T6 Gc
Ex tc IIC T85°C Dc
- ATEX Certificate No: Baseefa09ATEX0232X
- IP68 rating tested at 1.054kg/sq cm (15lb/sq in) at 10m depth for 2 weeks
- Single or 3 phase applications
- Scoop proof contacts
- Flammability rating: UL94V-0
- UV Resistance: To EN50021:1999
- Current rating: up to 18A
- Voltage rating: up to 600 VAC/VDC
- Contact resistance: <10mΩ initial
- Insulation resistance: >106MΩ @ 500 VDC
- Ambient temperature range: -20°C to +55°C
- Body material: Polyamide UL94V-0
- Contact material: Machined solid brass, nickel plated



IP68



RoHS Compliant

Flex Cable Connectors

- Mates with in-line flex, panel or flange mounting versions
- Positive, fast acting locking ring - can be turned with a gloved hand

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Bulgin Part No.	Fig.	Poles	Cable Dia. (mm)	Price Each		
					1	25	50
Plugs							
177-EXP-0911/02/P	EXP-0911/02/P	A	2	13-15			
177-EXP-0911/03/P	EXP-0911/03/P	A	3	13-15			
177-EXP-0911/04/P	EXP-0911/04/P	A	4	13-15			
177-EXP-0911/05/P	EXP-0911/05/P	A	5	13-15			
177-EXP-0911/07/P	EXP-0911/07/P	A	7	13-15			
Sockets							
167-EXP-0911/02/S	EXP-0911/02/S	A	2	13-15			
167-EXP-0911/03/S	EXP-0911/03/S	A	3	13-15			
167-EXP-0911/04/S	EXP-0911/04/S	A	4	13-15			
167-EXP-0911/05/S	EXP-0911/05/S	A	5	13-15			
167-EXP-0911/07/S	EXP-0911/07/S	A	7	13-15			

In-Line Flex Cable Connectors

- Mates with flex cable version

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Bulgin Part No.	Fig.	Poles	Cable Dia. (mm)	Price Each		
					1	25	50
Plugs							
177-EXP-0921/02/P	EXP-0921/02/P	B	2	13-15			
177-EXP-0921/03/P	EXP-0921/03/P	B	3	13-15			
177-EXP-0921/04/P	EXP-0921/04/P	B	4	13-15			
177-EXP-0921/05/P	EXP-0921/05/P	B	5	13-15			
177-EXP-0921/07/P	EXP-0921/07/P	B	7	13-15			
Sockets							
167-EXP-0921/02/S	EXP-0921/02/S	B	2	13-15			
167-EXP-0921/03/S	EXP-0921/03/S	B	3	13-15			
167-EXP-0921/04/S	EXP-0921/04/S	B	4	13-15			
167-EXP-0921/05/S	EXP-0921/05/S	B	5	13-15			
167-EXP-0921/07/S	EXP-0921/07/S	B	7	13-15			

Panel Mounting Connectors

- Mates with flex cable version
- Anti-rotation key
- Single hole fixing
- 3-7mm panel thickness
- High grade sealing gasket

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MOUSER STOCK NO.	Bulgin Part No.	Fig.	Poles	Cable Dia. (mm)	Price Each		
					1	25	50
Plugs							
177-EXP-0931/02/P	EXP-0931/02/P	C	2	13-15			
177-EXP-0931/03/P	EXP-0931/03/P	C	3	13-15			
177-EXP-0931/04/P	EXP-0931/04/P	C	4	13-15			
177-EXP-0931/05/P	EXP-0931/05/P	C	5	13-15			
177-EXP-0931/07/P	EXP-0931/07/P	C	7	13-15			
177-EXP-0931/10/P	EXP-0931/10/P	C	10	13-15			
Sockets							
167-EXP-0931/02/S	EXP-0931/02/S	C	2	13-15			
167-EXP-0931/03/S	EXP-0931/03/S	C	3	13-15			
167-EXP-0931/04/S	EXP-0931/04/S	C	4	13-15			
167-EXP-0931/05/S	EXP-0931/05/S	C	5	13-15			
167-EXP-0931/07/S	EXP-0931/07/S	C	7	13-15			
167-EXP-0931/10/S	EXP-0931/10/S	C	10	13-15			

EXP Series EXPLORA-Hazardous Area Connector Accessories

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Bulgin Part No.	Fig.	Description	Price Each		
				1	25	50
157-EXP-0990	EXP-0990	D	Sealing cap for Flex connector, EXP -0911			
157-EXP-0991	EXP-0991	D	Sealing cap for Flex in-line connector, EXP -0921			
157-EXP-0992	EXP-0992	D	Sealing cap for Chassis connector, EXP-0931			
157-EXP-0980	EXP-0980	-	Gland pack for EXP-0911 & EXP-0921			

