

# Safety Connection Systems

## Safety Wired Distribution Boxes

Dual-Channel, N.C., No Enunciation



### Specifications

Housing Material	Red PBT
Connector Insert Material	PBT
Connector Shell Material	Nickel-plated brass
Contact Material	Gold-plated palladium/nickel
Cable O.D.	9.8 mm (0.39 in.)
Cable Type	Oil-resistant yellow PVC jacket, 22 AWG conductors
Enclosure Type Rating	IP67
Operating Temperature [C (F)]	-20...105° (-13...221°)

### Features

- Prewired for dual-channel N.C. safety
- 4 or 8 safety wired 4-pin DC micro connectors
- 4-pin male DC micro pigtail main connection
- For use in category 2 or 3 systems per EN 954-1

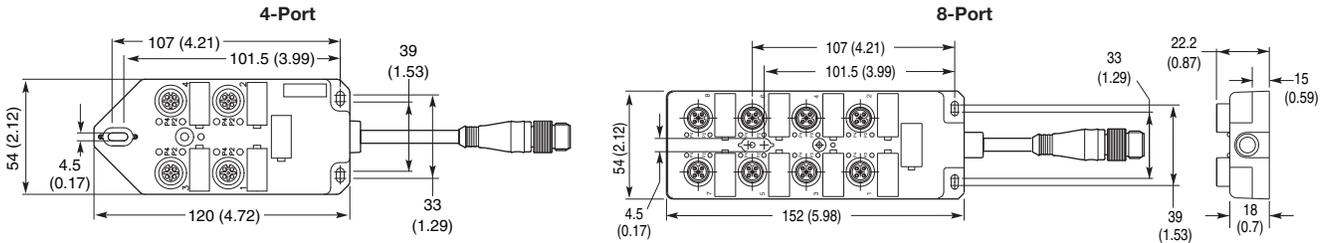
### Product Selection

Face View of Female	No. of Ports	Illuminated	Rating	Face View of Male	Cable Length	Cat. No.
	4	No LED	10...30V DC		0.2 m (8 in.)	898D-44LT-DM4
	8					898D-48LT-DM4
Shorting plug for unused ports						898D-41LU-DM
Patchcord, straight to straight DC Micro						889D-F4ACDM-*

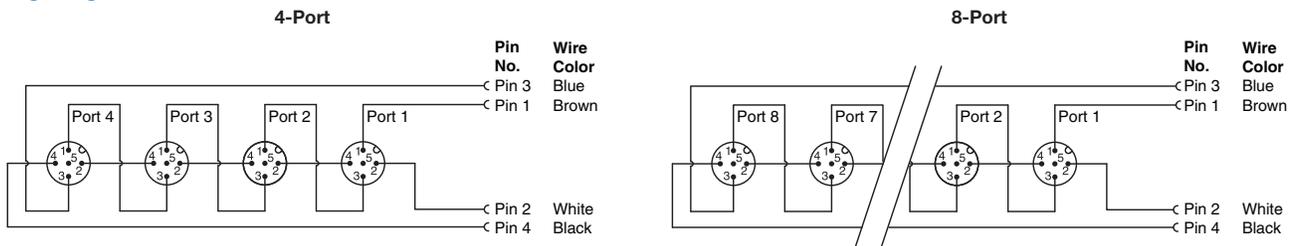
\* Length in meters (1, 2, 3, 5, 10 standard).

### Approximate Dimensions

Dimensions are shown in mm (in.). Dimensions are not intended to be used for installation purposes.



### Wiring Diagrams



5-Safety Connections

# Safety Connection Systems

## Safety Wired Shorting Plug



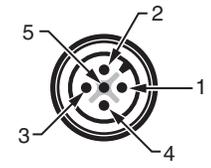
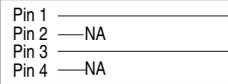
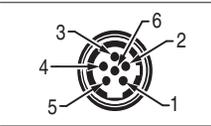
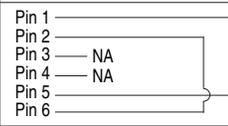
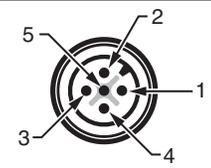
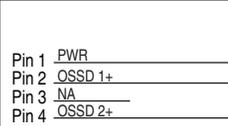
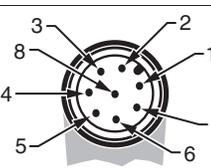
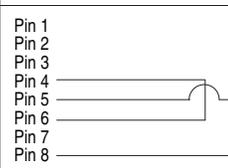
### Specifications

Connector Insert Material	PUR
Connector Shell Material	RED PVC
Contact Material	Brass, gold over nickel plating
O-Ring Material	Fluorelastomer
Enclosure Type Rating	IP67, NEMA 6P
Operating Temperature [C (F)]	-20...105° (-13...221°)

### Features

- Shorting plug designed for use with safety-wired distribution boxes
- PVC body offers good oil and chemical resistance
- Ratcheting coupling nut on 4-pin models for vibration resistance

### Product Selection

Face View of Male	Rating	Configuration	Wiring	Coupling Nut Material	Cat. No.
	10...30V DC 4 A	2 N.C.		Epoxy-coated zinc	898D-41LU-DM
		1 N.O. & 1 N.C.		Epoxy-coated zinc	898D-41KU-DM
		2 N.C. & 1 N.O.		Nickel-plated brass	898R-61MU-RM
		For use with SensaGuard compatible T-Ports only		Nickel-plated brass	898D-418U-DM
		2 OSSD		Nickel-plated brass	898D-81RU-DM

### Approximate Dimensions

Dimensions are shown in mm (in.). Dimensions are not intended to be used for installation purposes.

