For Gilbarco 4 Wire (2 Current Loop) per Dispenser Applications

Model Description

| DDS-8DM4GE | Primary Low Voltage Dispenser Wiring Disconnect For 8 Dispensers, 4 Wires (2 Current Loops) Per Dispenser, no Data Protection |
| DDS-8DM4GPE | Primary Low Voltage Dispenser Wiring Disconnect For 8 Dispensers, 4 Wires (2 Current Loops) Per Dispenser, with Data Protection |

For Dresser Wayne with 3rd Party Controller

Model Description

| DDS-8DM4AGE | Primary Low Voltage Dispenser Wiring Disconnect For 8 Dispensers, 4 Wires (1 Current Loop, 1 RS485) Per Dispenser, no Data Protection |
| DDS-8DM4WPE | Primary Low Voltage Dispenser Wiring Disconnect For 8 Dispensers, 4 Wires (1 Current Loop, 1 RS485) Per Dispenser, with Data Protection |

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**System Dimensions**

- 1-1/4" Trade Size Conduit Knockout (1 Place)
- 3/4" Trade Size Conduit Knockout (2 Places)
- 1" Trade Size Conduit Knockout (2 Places)
- 5/4" Trade Size Conduit Knockout (2 Places)
!! CAUTION !!: The Data Protector must be grounded in order to provide protection.

Connections

1. Connecting the Dispenser Data Wiring
2. Connecting the Dispenser Credit Card Data Wiring
3A. LV Transformer Connection
3B. E-Stopped LV Input Power Wiring
4. Connection Point for Grounding Conductor

System Wiring

Remote Transformer: Output 18-24 VAC Max 100ma Minimum, Class 2
Transformer is to be Connected to an AC Outlet/Circuit Controlled by Emergency Stop System

Dispensers 1-4 (Input)  Dispensers 5-8 (Input)

Dispensers 1-4 (Output)  Dispensers 5-8 (Output)

Dispenser Data Isolation Switches

Optional Expansion from Other Board

Protection Modules Series DCP-4P

Plug Input Terminal Here for No Surge Protection

Dispenser Data Wiring

Typical Dispenser Credit Card Data Wiring

Optional Expansion to Other Board

TVSS-1  Power Integrity Model Series DCP-4P
Dispensers 1-4

TVSS-2  Power Integrity Model Series DCP-4P
Dispensers 5-8

Typical Dispenser Data Wiring

1A  TB 5  1B  2A  2B  3A  3B  4A  4B  5A  5B  6A  6B  7A  7B  8A  8B

TO SITE CONTROLLER

Dispenser Site Controls
Data Circuit Protector
Plug Terminal Here For No Protection

Dispenser Site Controls
Data Circuit Protector
TVSS-1  Power Integrity Model Series DCP-4P
Dispensers 1-4

Optional

Dispenser Site Controls
Data Circuit Protector
TVSS-2  Power Integrity Model Series DCP-4P
Dispensers 5-8

Optional

Dispenser Wiring Disconnect
1-8 Dispenser (2 Pair / 4 Wire)
Application Drawing for DDS-8DM4XX Product

Power Integrity Corporation - 1-800-237-6260

T4  T2  T1  T3  T8  T6  T5  T7