



Be Certain with Belden

Profibus I/O Modules with 8-Digital Inputs and 8-Digital Outputs

0970 PSL 126

Technical Data

Environmental

Degree of protection IP 67
 Operating temperature range -0°C (+32°F) to +60°C (+140°F)

Mechanical

Weight 535 g
 Housing material PUR

Bus system

ID number 06E9 hex
 GSD file Lum_06E9.gsd
 Transmission rate max. 12 MBaud
 Address range 1–126 dec
 Rotary address switches 1–99 dec
 Default address 99 dec

Electronics power supply

Rated voltage 24 V DC
 Voltage range 19–28.8 V DC
 Power consumption typ. 60 mA
 Reverse polarity protection yes
 Indication LED green

Input power supply

Voltage range min. (UL - 1.5 V)
 Total current of all sensors max. 800 mA
 Short circuit-proof yes

Inputs

Rated input voltage 24 V DC
 Signal state “1” 11–30 V
 Signal state “0” -3–5 V
 Input current at 24V typ. 6 mA
 Channel type N.O. p-switching
 Number of digital channels 8
 Channel status indicator LED yellow per channel

Output power supply

Rated voltage
 Voltage range
 Potential separation
 Reverse polarity protection
 Indication

Outputs

Rated output current
 Short circuit-proof
 Max. output current
 Overload-proof
 Number of digital channels
 Channel type N.O.
 Channel status indicator
 Diagnostic indication

Included in delivery/accessories

Dust covers M12 2 pieces
 Attachable labels 10 pieces

Us

Rated voltage 24 V DC
 Voltage range 19–30 V DC
 Potential separation present
 Reverse polarity protection yes/antiparallel diode
 Indication LED green

Type 0.5 A acc. to IEC 61131-2

Rated output current 0.7 A per channel
 Short circuit-proof yes
 Max. output current 5.6 A per module
 Overload-proof yes
 Number of digital channels 8
 Channel type N.O. p-switching
 Channel status indicator LED yellow per channel
 Diagnostic indication LED red per channel

Part Number

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The application of these products in harsh environments should always be checked before use. Specifications subject to alteration.