



module X67DM1321

URL: <https://www.sxplc.com/module-x67dm1321>

Product data sheet

General information

Insulation voltage between channel and bus 500 Veff

Nominal voltage 24 VDC

B&R ID code 0x1311

Sensor/Actuator power supply 0.5 A summation current

Status indicators I/O function per channel, supply voltage, bus function

Diagnostics

Outputs Yes, using LED status indicator and software

I/O power supply Yes, using LED status indicator and software

Connection type

X2X Link M12, B-coded

Inputs/Outputs 8x M8, 3-pin

I/O power supply M8, 4-pin

Power consumption

Internal I/O 2.5 W

X2X Link power supply 0.75 W

Certifications

CE Yes

UKCA Yes

ATEX Zone 2, II 3G Ex nA IIA T5 Gc

IP67, Ta = 0 - Max. 60°C

TÜV 05 ATEX 7201X

UL cULus E115267

Industrial control equipment

HazLoc cCSAus 244665

Process control equipment

for hazardous locations

Class I, Division 2, Groups ABCD, T5

KC Yes

I/O power supply

Nominal voltage 24 VDC

Voltage range 18 to 30 VDC

Integrated protection Reverse polarity protection

Power consumption

Sensor/Actuator power supply Max. 12 W

Sensor/Actuator power supply

Voltage I/O power supply minus voltage drop for short-circuit protection

Voltage drop for short-circuit protection at 0.5 A Max. 2 VDC

Summation current Max. 0.5 A

Short-circuit proof Yes

Digital inputs

Input characteristics per EN 61131-2 Type 1

Input voltage 18 to 30 VDC

Input current at 24 VDC Typ. 4 mA

Input circuit Sink

Input filter

Hardware $\leq 10 \mu\text{s}$ (channels 1 to 4) / $\leq 70 \mu\text{s}$ (channels 5 to 8)

Software Default 0 ms, configurable between 0 and 25 ms in 0.2 ms intervals

Input resistance Typ. 5 k Ω

Additional functions 50 kHz event counting, gate measurement

Switching threshold

Low <5 VDC

High >15 VDC

