

# RL PN 24-2 OC 2SCRJ - Monitoring block



2700654

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Monitoring module for finishing line, 24 V DC, PROFINET connection with FO



## Your advantages

- Rugged metal housing
- Comprehensive diagnostic functions
- Push/pull connector for supply voltage
- M12 connector for I/O devices
- Push/pull connector for PROFINET, either with fiber optic or twisted pair

## Commercial data

Item number	2700654
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRI526
GTIN	4046356609128
Weight per piece (including packing)	1,201.4 g
Weight per piece (excluding packing)	1,180 g
Country of origin	DE

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## Technical data

### Dimensions

Width	182.5 mm
Height	71.5 mm
Depth	79.8 mm
Note on dimensions	without male connectors, with mounting panel

### Notes

#### Note on application

Note on application	Only for industrial use
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### Interfaces

#### PROFINET

No. of channels	2
Connection method	VARIOSUB push-pull connectors
Transmission speed	10/100 Mbps (auto negotiation)
Transmission physics	FO

### System properties

#### PROFINET

Device function	PROFINET device
Specification	PROFINET-IO RT, Spec. 2.1
Conformance Class	B

### Product properties

Product type	I/O component
Product family	Ruggedline
Type	Block design

### Electrical properties

#### Supply: Module electronics

Connection method	VARIOSUB push-pull connectors
Designation	US1
Supply voltage	24 V DC
Supply voltage range	18.5 V DC ... 30 V DC (including ripple)
Ripple	Max 3.6 V <sub>SS</sub> within the permissible voltage range

### Connection data

Connection method	Push-Pull
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### Environmental and real-life conditions

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## Ambient conditions

Ambient temperature (operation)	-20 °C ... 55 °C
Degree of protection	IP65/IP67
Note	Seal unused slots/connections to ensure the degree of protection.
Air pressure (operation)	860 hPa ... 1080 hPa (up to 1500 m above sea level)
Air pressure (storage/transport)	660 hPa ... 1080 hPa (up to 3500 m above sea level)
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	100 %
Permissible humidity (storage/transport)	95 % (non-condensing)

## Standards and regulations

Protection class	III (IEC 61140, EN 61140, VDE 0140-1)
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## Mounting

Mounting type	on mounting panel
	Panel mounting

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## Classifications

### ECLASS

ECLASS-13.0	27242605
ECLASS-15.0	27242605

### ETIM

ETIM 10.0	EC001601
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### UNSPSC

UNSPSC 21.0	32151602
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## Environmental product compliance

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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