

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 _{SS} 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 9.0	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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