

RS PRO Photoelectric Sensor

RS Stock No.: 204-0681/204-0682

FEATURES

- Leading dual monitor mode;
- Build-in high-speed digital processing chip;
- Automatic and manual correction and calibration optional;
- High precision detection and easy wiring system.



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Part Number Description

Part number	Output
204-0681	NPN NO/NC
204-0682	PNP NO/NC

General Specifications

Detection Type	Digital display optical fibre amplifier
Function	Emitter power optional, output time delay optional
Output Indicator	4 LED digital display, LED bar display, action display
Light source	660nm red visible light
Ambient temperature	-10°C...50°C (No freezing)

Electrical Specifications

Operating Supply Voltage	12...24 VDC
Current Consumption	≤60mA
Voltage drop	<1V
Load Current	≤100mA
Detection accuracy	>0.01mm (Depends on specific fiber head)
Reverse Polarity Protection	YES
Overload Protection	YES
Surge Protection	YES
High voltage resistance	1000V/AC 50/60Hz 60s
Insulation resistance	≥50MΩ(500VDC)
Vibration resistance	10...50Hz (0.5mm)
Shock resistance	500M/S ² (5G), 3 times per X,Y,Z direction
Connection	2m PVC cable

Mechanical Specifications

Housing Material	PC+ABS
Dimensions	72.8*29.4mm
Weight	95g

Protection Category

IP Rating	IP54
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Additional Information

Custom Tariff Number/HS code	903180
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Approvals

Compliance/Certifications	CE
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Dimension and Wiring

