

Communication Module ID 200/C-PDP, PROFIBUS-DPV0, IP65 - Bosch Rexroth 3842410061

Item no. BRR-3842410061

Manufacturer Bosch Rexroth

The ID 200/C-PDP communication module links the antennas of the ID 200 RFID system to the control system via PROFIBUS-DPV0. Two pluggable antenna ports can operate at the same time and at different frequencies, or each port can connect a digital sensor instead. Parameterization and diagnostics run through the integrated web server, accessed via RS232.

TECHNICAL DATA

Ausführungsklasse	TEC
HS-Code	85176200
Weight	0.0099 kg



STANDARDS & COMPLIANCE

EN 60068-2-29

DESCRIPTION

The ID 200/C-PDP communication module establishes the connection between the antennas of the ID 200 RFID identification system and the control system. It is intended for machine and control builders in assembly and material flow technology.

- Pluggable connectors for up to two antennas active at the same time, including at different frequencies
- Each antenna port can alternatively connect a digital sensor
- Connection to the control system via PROFIBUS-DPV0
- Parameterization and diagnostics through the integrated web server, accessed via a separate RS232 interface
- Rugged aluminum housing with IP65 protection

TECHNICAL DATA

Feature	Value
Control connection	PROFIBUS-DPV0
Service interface	RS232 (web server)

Feature	Value
Transmission frequency	125 kHz / 13.56 MHz
Operating voltage	20 ... 30 VDC, PELV
Ripple	max. 10 %
Current consumption	max. 0.5 A (incl. 2 antennas)
Status indicator	7 LEDs
Protection class	IP65
Housing material	Aluminum, powder-coated RAL 7035
Ambient temperature	-25 ... +70 °C
Storage temperature	-30 ... +80 °C
Humidity	max. 96 %
Vibration resistance	3.5 mm (10 ... 55 Hz); 20 g (55 ... 2000 Hz)
Shock and impact resistance	70 g/6 ms, 18 cycles (EN 60068-2-29)
Approvals	EN 300330, ETS 300683, CE, FCC
Mass	0.5 kg