



DATAEAGLE[®]  **3000**
WIRELESS PROFIBUS



WIRELESS PROFIBUS - DATAEAGLE 3000

Your benefits

The [DATAEAGLE 3000](#) series was particularly designed for transparent data transmission of PROFIBUS DP applying various radio technologies. All devices featuring a PROFIBUS DP interface may be connected via radio. Our patented filter technology guarantees a highly available and reliable radio connection. [Read our white paper „Wireless 101“ to learn more about our patented wireless technology.](#)

- o Patented filter technology
- o PROFIBUS DP interface
- o PROFIsafe
- o Plug and Play – No device configuration required
- o Up to 3000 meter range
- o Transmission speed up to 1.5 Mbit/s



APPLICATION EXAMPLES

Versatile

We have been successfully equipping industrial plants with our radio data transmission system for over 35 years. On our website you will find numerous [practical examples](#) and an overview of our [industry sectors with reports about wireless solutions.](#)

- o Substitute of slip rings
- o Substitute of trailing cables and cable chains
- o Substitute of optical data transceivers
- o Crane systems
- o Warehouse systems
- o Automotive industry
- o Transport vehicles
- o Water, wastewater, waste and feedstock industry
- o Engineering
- o Lifts, inclined lifts and cable cars
- o Oil and gas industry
- o Steel and cement plants
- o Stage technology



DATAEAGLE COMPACT 3712A

Technical data



o GENERAL

Voltage supply	24 V DC
Connection Voltage supply	Terminal clamps
Power consumption	100 mA
Fixing	DIN rail mounting
Protection class	IP20
Temperature range	-20...+60 °C
Conformity	CE, FCC
Weight	130 g
Width	22,5 mm
Height	99 mm
Depth	114,5 mm
Color	Black

o RADIO TECHNOLOGY

Frequency	2,4 GHz Bluetooth
Transmitting power	100 mW (EIRP)
Max. Number radio slaves	4
Range Indoor	100 m
Range Outdoor	300 m
Antenna connection	SMA Connection – 50 Ohm

o INTERFACE

Max. PROFIBUS DP Transmission rate	1.5 MBit/s
PROFIBUS DP Connection	9 pol. SUB-D
Max. Number PROFIBUS DP Slaves	8
PROFIsafe	Yes

o ORDER NUMBER

Master	11168
Slave	11169

- o [Here you find all informations about antennas and accessories](#)
- o [Go back to product overview](#)





DATAEAGLE X-TREME 3712A

Technical data



o GENERAL

Voltage supply	24 V DC
Connection Voltage supply	M12, A-coded
Power consumption	100 mA
Fixing	4-hole screw fastening
Protection class	IP65
Temperature range	-20...+60 °C
Conformity	CE, FCC
Weight	280 g
Width	88 mm
Height	120 mm
Depth	42 mm
Color	Black

o RADIO TECHNOLOGY

Frequency	2,4 GHz Bluetooth
Transmitting power	100 mW (EIRP)
Max. Number radio slaves	4
Range Indoor	100 m
Range Outdoor	300 m
Antenna connection	SMA Connection - 50 Ohm

o INTERFACE

Max. PROFIBUS DP Transmission rate	1.5 MBit/s
PROFIBUS DP Connection	M12, B-coded
Max. Number PROFIBUS DP Slaves	8
PROFIsafe	Yes

o ORDER NUMBER

Master	11326
Slave	11327

- o [Here you find all informations about antennas and accessories](#)
- o [Go back to product overview](#)

