



**DATAEAGLE<sup>®</sup>**  **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.](#)

- Patented filter technology
- PROFIBUS DP interface
- PROFIsafe
- Plug and Play – No device configuration required
- Up to 3000 meter range
- 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.](#)

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



# DATAEAGLE COMPACT 3715A

## 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	1
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	4
PROFIsafe	No

### o ORDER NUMBER

Master	11160
Slave	11161

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





# DATAEAGLE X-TREME 3715A

## Technical data



### ○ 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

### ○ RADIO TECHNOLOGY

Frequency	2,4 GHz Bluetooth
Transmitting power	100 mW (EIRP)
Max. Number radio slaves	1
Range Indoor	100 m
Range Outdoor	300 m
Antenna connection	SMA Connection - 50 Ohm

### ○ INTERFACE

Max. PROFIBUS DP Transmission rate	1,5 MBit/s
PROFIBUS DP Connection	M12, B-coded
Max. Number PROFIBUS DP Slaves	4
PROFIsafe	No

### ○ ORDER NUMBER

Master	11320
Slave	11321

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