

CAN

SCHILDKNECHT
SMART DATA COMMUNICATION



DATAEAGLE  **6000**





WIRELESS CAN - DATAEAGLE 6000

GENERAL INFORMATION

The **DATAEAGLE 6000** series was especially designed for the transparent transmission of **CAN** using various radio technologies. Optionally, it can be configured which CAN identifiers shall be transmitted by radio (Whitelist) and if they shall be transmitted in the event of data change only.

- CAN interface
- Plug and Play – No device configuration required
- Up to 3 km range

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APPLICATION EXAMPLES

Versatile

- Substitute of conductor lines
- Substitute of trailing cables and cable chains
- Substitute of optical data transceivers
- Crane systems
- Warehouse systems
- Automotive industry
- Transport vehicles
- Water, wastewater, waste and raw material management
- Engineering
- Lifts, inclined lifts and cable cars
- Oil and gas industry
- Steelworks
- Stage technology



DATAEAGLE COMPACT 6710

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
Colour	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. CAN Transmission rate	500 kBit/s
CAN Connection	9 pol. SUB-D

o ORDER NUMBER

11166



DATAEAGLE X-TREME 6710

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
Colour	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. CAN Transmission rate	500 kBit/s
CAN Connection	M12, A-coded

o ORDER NUMBER

11361

CAN



DATAEAGLE COMPACT 6320

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
Weight	160 g
Width	22,5 mm
Height	99 mm
Depth	114,5 mm
Colour	Black

o RADIO TECHNOLOGY

Frequency	869 MHz
Transmitting power	500 mW (EIRP)
Range Indoor	300 m
Range Outdoor	1 - 3 km
Antenna connection	SMA Connection - 50 Ohm

o INTERFACE

Max. CAN Transmission rate	500 kBit/s
CAN Connection	9-pin SUB-D

o ORDER NUMBER

11039





DATAEAGLE X-TREME 6320

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
Weight	300 g
Width	88 mm
Height	120 mm
Depth	42 mm
Colour	Black

○ RADIO TECHNOLOGY

Frequency	869 MHz
Transmitting power	500 mW (EIRP)
Range Indoor	300 m
Range Outdoor	1 - 3 km
Antenna connection	SMA Connection - 50 Ohm

○ INTERFACE

Max. CAN Transmission rate	500 kBit/s
CAN Connection	M12, A-coded

○ ORDER NUMBER

11362

CAN



Schildknecht AG

Haugweg 26

D-71711 Murr

Tel. + 49 7 144 - 89 71 80

Fax + 49 7 144 - 89 71 82 9

www.schildknecht.ag

office@schildknecht.ag