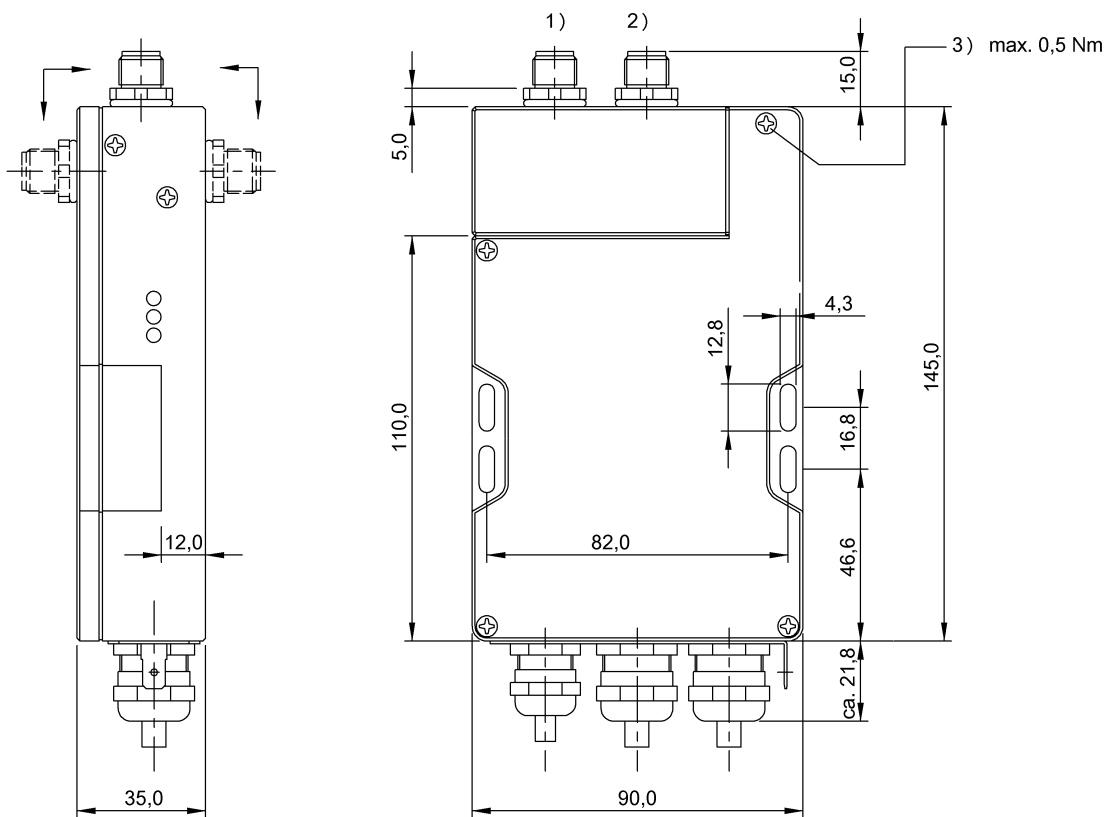




1) Head 1, 2) Head 2, 3) Tightening torque



Basic features

Approval/Conformity	CE UKCA cULus WEEE
EN 55011	Size 1, Cl. A
Principle of operation	Processor unit

Display/Operation

Code tag operating	LED yellow
Code tag present	LED yellow
System ready	Green LED

Electrical connection

Connection (COM 1)	(Profibus/power supply/digital input): Terminal strip, 19-pin, Conductors: 0.14...1 mm² with end ferrules 0.25...0.34 mm²
Connection slots	Head 1: Male, 4-pin Head 2: Male, 4-pin
Connector port 01, note type	for all C-3... with female, 4-pin, ±90° rotatable

Electrical data

Control input	1 (optocoupler isolated)
Control voltage active	4...40 V
Control voltage inactive	1.5...40 V
Current consumption max. at 24 V DC	400 mA
Delay time typ.	5 ms
Input current max. at 24 V	11 mA
Operating voltage Ub	19.2...28.8 VDC
Residual ripple max.	10 %

LF (70/455 kHz)
BIS C-602-019-650-03-KL2
Order Code: BIS00A4

BALLUFF

Environmental conditions

Altitude max.	2000 m
Ambient temperature	0...60 °C
Area of operation	Indoor
Contamination scale	2
Continuous shock load	yes
EN 60068-2-27, Shock	yes
EN 60068-2-32 Free fall	yes
EN 60068-2-6, Vibration	yes
IP rating	IP65, with read/write head
Relative humidity	0...90 %, non-condensing

Functional safety

MTTF (40 °C)	68 a
--------------	------

Interface

Cable gland	1 x Ø 4 - 8 mm 2 x Ø 5 - 10 mm
Interface	Profibus DP Slave galvanically isolated

Material

Housing material	ABS
------------------	-----

Mechanical data

Application weight	500.00 g
Dimension	90 x 35 x 145 mm

Remarks

Values are under rated conditions unless otherwise specified.

When installing, the technical standards and regulations of the corresponding countries must be observed.

Termination resistor S2: open = passive, closed = active

This device is intended to be supplied by a UL-listed or CSA-certified power supply unit with "Class 2" or LPS power source.

The product is maintenance-free.

The device can be cleaned with a slightly damp cloth.

The devices must be installed permanently.

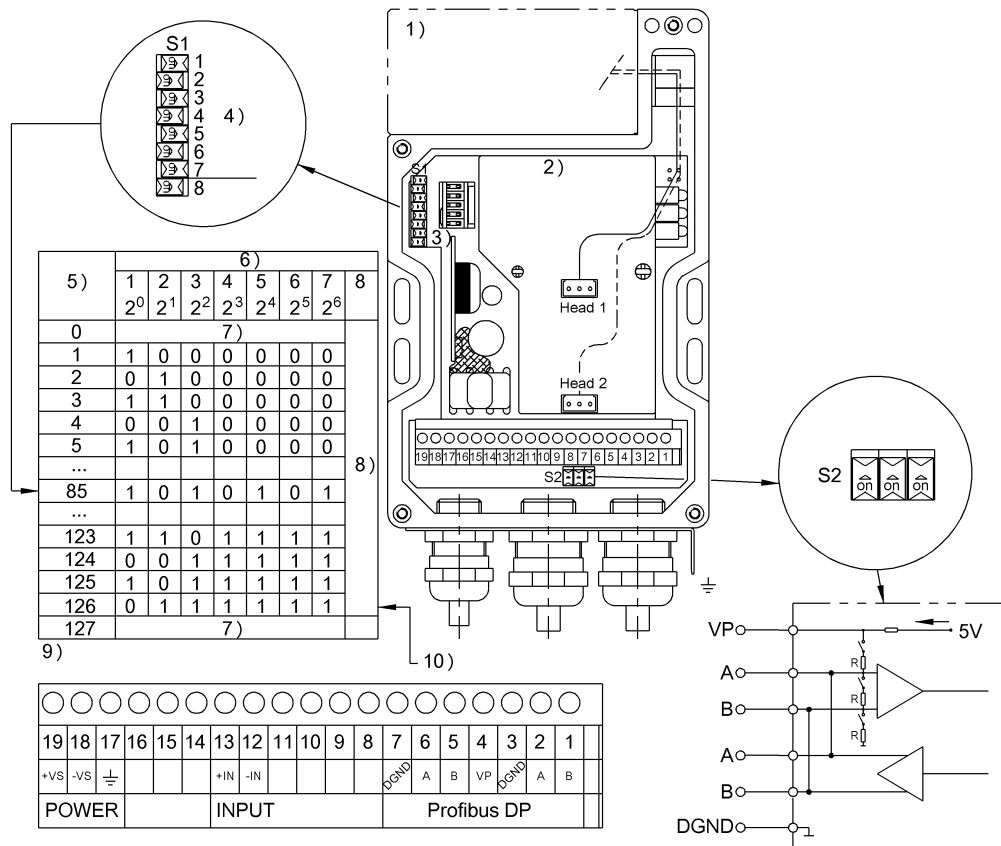
Check the function of the device and all associated components regularly by visual and functional testing. - In the event of malfunctions, take the device out of operation. - Secure the system against unauthorized use. - Check fastening and tighten if necessary. 1 Determine suitable mounting position. 2.

Fasten the device with suitable mounting material.

For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

Help Views



- 1) Read/write head
- 2) Inside view
- 3) Configuration module
- 4) Example: Address 85
- 5) Station address
- 6) Switch panel
- 7) invalid
- 8) 1 (0 is invalid)
- 9) Switch closed = 1
- 10) Factory default setting