

InduSol America - Specialist for Industrial Networks

INBLOX[®] DP Basic Rep

Function

The **DP Basic Rep** is the head module of a multiple repeater that can be extended by up to five extension modules. It has no higher intelligence and serves primarily as repeater with an extended diagnosis via LED.

The coming PROFIBUS has got a 9-pin D-subminiature connector. Four terminal connections provide for the PROFIBUS outlets and thus five segments can be built.

By the extension modules each having four segments it is possible to create up to 25 segments. The LEDs provide for a simple diagnosis.

Technical data

- Voltage supply:
- Power supply:
- Connection:

24 VDC ± 20 % 0,3 A 9 pole sub-D - IN 4 screw terminals - OUT (Assignment: shield / B / A / shield)

• Baud rate:

General data

- Installation:
- Dimensions (H x W x D): 114,5 x 45,2 x 99 mm
- Protective system:
- Operating temperature:
- Storage temperature:
- PROFIBUS-Types:
- Extension:

5 °C to 55 °C -20 °C to 70 °C DP, DP-V1, FMS, MPI

IP20

9,6 kbps to 12 Mbps

35 mm DIN top-hat rail

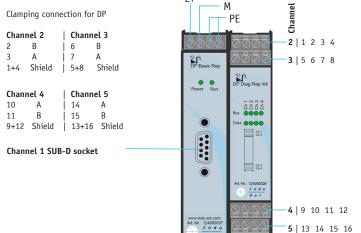
DP Diag Rep (till 5 pieces)

Terminal configuration

PROFIBUS DP

Ordering

INBLOX®



g details	Art. No.
DP Basic Rep	124060007

INBLOX[®] DP Basic Rep

Bus (Fieldbus-Quality)

Data (Fieldbus-Activity)

Fieldbus LED Green: Everthing o.k.

Data LED Green: Data traffic exists

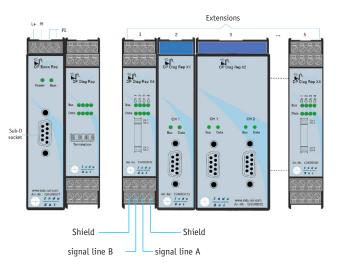
Power LED Green: 24V connected

RUN LED: BUS LED for channel 1 DP1 DP2 DP3 DP4 $\bullet \bullet \bullet \bigcirc$

BUS-LED red: Error detected f.e.

- Error telegrams,
- Repeat telegrams,
- Device failures,
 - Diagnostic messages,
 - Noise failure

LED Diagnosis



Sample configuration