

# IP67 Junction Box, 8-Channel JBBS-57-E801

The housing is made of powder-coated die-cast aluminium and is IP67 rated.

The junction box is equipped with an activatable terminating resistor for the bus. The switch is integrated in the housing on the board.

Condensation in the housing is prevented by a breather.

Shielding and housing can be connected directly via a second switch which is also located on the board.

**Note:** It must be ensured that there is sufficient equipotential bonding in the system. The device is connected to the equipotential bonding via the housing's M5 x 1 grounding bolt.

- Junction box for wall mounting with stainless steel M12 flange connections
- Integrated terminating resistor (switchable)
- Cable shielding: capacitive or direct connection to housing potential selectable via switch
- Isolated support terminal for optional protective conductor incorporated in cable
- Powder-coated die-cast aluminum housing
- Pressure compensation element protects against condensation
- Connection of the housing potential via M5 x 1 bolt

ID	U0214
Operating voltage U <sub>s</sub>	9...32 VDC
Electrical connection	M12 receptacle
Segment IN	1 x M12 - male
Segment OUT	1 x M12 - female
Spur line	8 x M12 - female
Protection class	IP67
MTTF	705 years acc. to SN 29500 (Ed. 99) 40 °C
Housing material	Powder-coated die-cast aluminium, Black
Dimensions	64 x 185.5 x 45 mm
Connection mode	Wall mounting