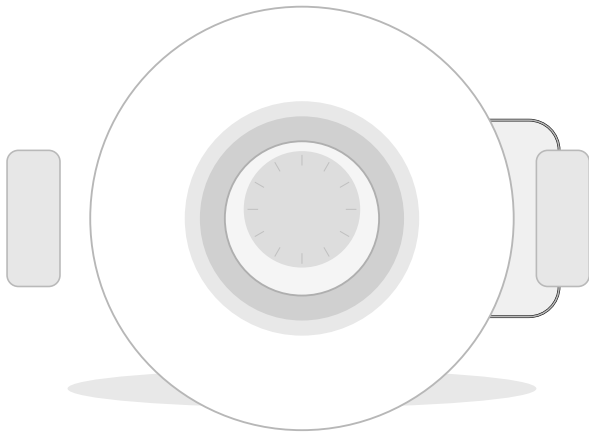


KNX Brightness & Motion Sensor

HYU-SH-BMS001



Key Features

KNX

KNX / EIB

LUX

Brightness

PIR

Motion

360°

Ceiling

8 m

Detection

- KNX/EIB ceiling-mounted brightness and motion sensor
- Brightness measurement range: 0–65,535 lux; resolution 1 lux
- Motion detection diameter up to 8 m at 4 m mounting height
- Recommended mounting height: 3 m; mounting range: 2.5–4 m
- Master-Slave function and logic functions AND, OR and XOR
- Power and communication via KNX bus
- Programming via ETS with programming LED and physical-address button

Specifications

Parameter	Specification
Model	HYU-SH-BMS001 / CSBP-02/00.2
Product type	KNX/EIB Brightness & Motion Sensor
Bus voltage	21–30 V DC, via KNX bus
Bus current	< 12 mA
Bus power consumption	< 360 mW
Connection	KNX bus connection terminal
Illumination measurement	0–65,535 lux
Illumination resolution	1 lux
Motion detection	Maximum detection diameter up to 8 m
Mounting height	2.5–4 m; recommended 3 m
Detection characteristic	Diameter/radius 8 m; maximum detection = mounting height × 2
Sensitivity	Not adjustable for CSBP-02/00.2

Parameter	Specification
Illumination output	3 data types; cyclic transmission supported
Motion output	3 data types; cyclic transmission supported
Logic functions	AND, OR, XOR
Master-Slave	Supported
Programming	ETS; programming LED and physical-address button
Mounting	Ceiling-mounted; side clips/springs
Protection	IP20
Operating temperature	–5 °C to +45 °C
Storage temperature	–25 °C to +55 °C
Transport temperature	–25 °C to +70 °C
Humidity	< 93%, non-condensing
Dimensions	91 × 72 × 76 mm
Weight	0.05 kg
Certification	KNX certified
Compliance	EMC Directive; Low Voltage Directive

Note: This datasheet is prepared for the HYU-SH-BMS001 product listed by Security Shop. The technical values above refer to the CSBP-02/00.2 variant in the supplied documentation.