

B.E.G.**LUXOMAT® net**

PD4N-BMS DALI-2 Set 93546-93751-93731

DALI-2 (BMS) PIR motion detector with 360° coverage and a range of up to Ø24m (450 m²), DALI-2 input device

Order data

Designation	Colour	Art.No
PD4N-BMS DALI-2	white	93546
SM socle mounting set IP54 PD2N- / PD4N-FM	anthracite	93751
lens PD4N, Cover ring	anthracite	93731

Technical data

Voltage:	via DALI Bus, max. 22.5 V DC
Dimensions:	Ø 106 x 68 mm + Ø 109 x 19 mm (93751) via DALI-Bus and application which supports DALI
Settings:	DALI multisensors according to IEC62386, parts 101, 103, 303 and 304
Typ. power input:	7 mA
Settling time:	200 ms
Detection area:	horizontal 360° (Ceiling mounting)
Range:	max. Ø 24 m across max. Ø 8 m towards max. Ø 6.4 m seated
Monitored area (tangential movement):	450 m ² / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 10 m / 2.5 m
Degree / class of protection:	IP20 / Class II + IP54 (93751)
Impact strength:	IK04
Measured light output:	0 - 4095 Lux, Mixed light measuring
Ambient temperature:	-25 °C to +55 °C
Housing:	polycarbonate, UV-resistant
Material color:	anthracite mat, similar to RAL7016 (93731)

Product information

Set : PD4N-BMS DALI-2 + SM socle mounting set IP54
PD2N- / PD4N-FM anthracite mat, similar to RAL7016
+ lens PD4N, Cover ring anthracite mat, similar to
RAL7016

Long-range DALI-2 multisensor (input device)

DALI-2 certified product

Powered via DALI bus

Bright LED indication for commissioning

DALI multimaster technology according to IEC 62386 part 103

Instance 0 provides information regarding occupancy and
movement for the DALI-Bus according to IEC 62386 part 303

Instance 1 provides LUX values for the DALI-Bus according to
IEC 62386 part 304

Parameterisation is possible via mandatory Multimaster-
Application-Controller of any manufacturer. This controller
must support IEC 62386 parts 101/103/303/304.

Mixed light measurement with internal and external light
sensor

Suitable for mounting in false ceilings and flush-mounting

Accessory for surface mounting available

Detection area can be restricted with blinds

Individual adaption of detection sensitivity for each PIR sensor

Status LEDs can be activated / deactivated



Set items

To receive the bundle according to the technical specification, please order the items listed.



PD4N-BMS DALI-2

Art.No: 93546

Voltage: via DALI Bus, max. 22.5 V DC

Dimensions: Ø 106 x 68 mm

Settings: via DALI-Bus and application which supports DALI multisensors according to IEC62386, parts 101, 103, 303 and 304



SM socle mounting set IP54

PD2N- / PD4N-FM

Art.No: 93751

Dimensions: Ø 109 x 19 mm

Degree / class of protection: IP54

Housing: polycarbonate, UV-resistant



lens PD4N, Cover ring

Art.No: 93731

Detection area: horizontal 360° (Ceiling mounting)

Range: max. Ø 24 m across

max. Ø 8 m towards

max. Ø 6.4 m seated

Monitored area (tangential

movement): 450 m² / 2.5 m mounting height