

## UP 255/11 UP-brightness-controller

(order number: 5WG1 255-4AB11)



- Device for measuring the brightness on an illuminated working surface by measuring the reflected light,
- for measuring range of 0...2.000 lux (with a reflection degree for the illuminated surface of approx. 30%),
- including two optical fibre rods: one with a light-sensitive surface parallel to the mounting surface and one with a light-sensitive surface at an angle of 45° to the mounting surface,
- with integrated infrared receiver for calibrating the brightness measurement via an infrared remote control unit,
- with discretionary sending of the measured brightness value after change and/or cyclically,
- with selectable On/Off brightness control function for lights that can only be switched on or off, or constant light level control for lights that can be switched and dimmed,
- with discretionary set-point as a parameter or a communication object,
- with selectable switch-on value of the lighting at the start of constant light level control,
- with discretionary dimming of up to 4 further light groups to the dimming value of the constant light level controller or to a dimming value which differs from the dimming value of the constant light level controller by an offset value which is a variable for each group,
- with automatic deactivation of the constant light level control through manual bright/dark dimming or dimming to a preset dimming value,
- with power supply for the electronics via the bus voltage,
- with adjustable behaviour of the brightness controller at bus supply recovery,
- integrated bus coupling unit,
- bus connection via bus terminal block,
- for mounting in a cavity wall or flush-mounting box with 58 mm diameter and min. 40 mm mounting depth,
- with lid made of white plastic (polystyrene), 50 x 35 x 14 mm (H x W x D), lid diameter 90 mm