

## SENSORS AND TRANSMITTERS

paladin 686 312 rfs



### Overview

- Wireless sensor for temperature, light and humidity
- Temperature sensor
- Light sensor
- Humidity sensor
- Transmission of sensor values via RF
- Adjustable alarm conditions
- Battery operated (battery lifetime approx. 8 years)
- Bi-directional KNX RF communication
- KNX-RF 1.R S-Mode
- Test mode for a faster status request
- Compact housing
- Wall mounting / adhesive mounting
- Protection degree IP 20

### Order numbers

■ **paladin**

686 312 rfs    Multi sensor

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## paladin 686 312 rfs

### Technical data

Power supply	Battery operated 2 x 3 V CR2032 (included)
Battery lifetime	approx. 8 years
Sensors	Temperature Light Relative humidity
Measuring range temperature sensor	-10°...+70°C (+/- 0,4°C at -10 ~ 85°C)
Measuring range light sensor	0...188000lux (+/- 4% bei 0-80%)
Measuring range relative humidity sensor	0...100 %
KNX medium	KNX RF 1.R
Application software	ETS5
Commissioning mode	System-Mode (S-Mode)
Radio-Frequency	868,3 Mhz
Transmission power	<10dB
Range	In free field: 100m Indoors: approx. 30m
Permitted ambient temperature	-10° C...+70° C
Dimensions	78 x 28 x 23 mm
Mounting	Fixed with adhesive strip or screws
Protection degree	IP 20

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