### Environmental Characteristics
- **operating temperature:** 0°C to +50°C (32°F to 122°F)
- **storage temperature:** -10°C to +60°C (14°F to 140°F)
- **humidity:** 90 % HR (without condensation)

As standards, specifications and design change from time to time, please ask for confirmation of the information given in this publication.

### Operational Characteristics
Associated to the DOSIMED or DOSIFAST software, the LDM 220 reader is used as interface to activate a dosimeter (to switch in counting mode) or to deactivate it (to switch in pause mode).

Associated to the DOSIMASS software, it is used as interface to read and write the internal data of the dosimeter.

### Description
- **two-color electroluminescent diode** used as ON/OFF and data exchange indicator lamp
- **two-color electroluminescent diode** for READY/BUSY indication
- **two-color electroluminescent diode** for ACCESS/NO ACCESS indication
- 2 HE10, 2 x 7- pin male connectors for digital of 4 inputs and 4 digital outputs
- **software downloadable and saved in flash**

### Mechanical Characteristics
- **length:** 70 mm (2.75 in)
- **width:** 80 mm (3.14 in)
- **depth:** 32 mm (1.26 in)
- **weight:** 120 g (4.23 oz)

### Environmental Characteristics
- **operating temperature:** 0°C to +50°C (32°F to 122°F)
- **storage temperature:** -10°C to +60°C (14°F to 140°F)
- **humidity:** 90 % HR (without condensation)

### Communication with Dosimeters
- **short range high frequency bidirectional data exchange**
  - **nominal range:** between 20 and 30 cm (7.87 and 11.81 in)
  - **reduced range setting:** between 5 and 20 cm (1.96 and 7.87 in)