

› Logic Controller em4 & Millenium Evo interface

Bluetooth interface

- › Connect via Smartphone or PC
- › Access to your PLC with Crouzet Virtual Dispal or directly in Crouzet Soft
- › Program, parameters modification and download datalos nearby your installation



Bluetooth interface

| Product selection | |
|--|-------------------|
| Designation | Part number |
| Bluetooth interface | 88 980 112 |
| Bluetooth interface + USB Bluetooth receiver | 88 980 116 |
| Bluetooth Kits (Millenium EVO Ethernet 88 9750 111, Bluetooth interface 88 980 112, Bluetooth receiver 88 980 116) | 88 975 911 |
| Bluetooth Kits (Millenium EVO Standalone 88 9750 101, Bluetooth interface 88 980 112, Bluetooth receiver 88 980 116) | 88 975 901 |

| General characteristics | |
|---|--|
| Finish | Glossy black |
| Color | Black RAL 9011 |
| Material | UL94 V0, 1272/2008/CE (Halogen free) |
| Products certification | CE, cURus Listed |
| Conformity with the RED directive (in accordance with 2014/53/EU) | EN 300 328 V2.1.1 : Radio essential requirements EN 301 489-17 V3.1.1 : EMC essential requirements EN 301 489-1 V2.1.1 : EMC essential requirements EN 62479 :2010: Health essential requirements EN 60950-1 :2006 + A11:2009 + A1:2010 + A12:2012 + A2:2013 : Safety essential requirements |
| Frequency range, power | 2402 - 2480 MHz, +3dBm |
| Operation temperature | -20 (-4 °F) → +60°C (140 °F) (+40°C (104 °F) in a non-ventilated enclosure) UL : Maximum surrounding air temperature of 50°C |
| Storage temperature | -40 (-40 °F) → +80°C (176 °F) |
| Relative humidity | 95% max. (no condensation or dripping water) |
| Maximum utilization altitude | Operation: 2000 m Transport: 3000 m |
| Resistance to electrostatic discharge | Immunity to ESD IEC/EN 61000-4-2, level 3 |
| Resistance to HF interference (Immunity) | Immunity to radiated electrostatic fields IEC/EN 61000-4-3, level 3 Immunity to fast transients (burst immunity) IEC/EN 61000-4-4, level 3 Immunity to shock waves IEC/EN 61000-4-5 Radio frequency in common mode IEC/EN 61000-4-6, level 3 |
| Conducted and radiated emissions (in accordance with EN 55022/11 group 1) | Class B |
| Protocol | Bluetooth ≥ V4.2 |
| Hardware compatibility | Base 24 VDC power supply version |
| Max. absorbed power | 0.25W @ 3.3V |
| Software compatibility | Windows W7 min, Android 4.3 min |

| | |
|--|--|
| Protection rating (in accordance with IEC/EN 60529) | IP 20 |
| Range | ≤ 10 m |
| Weight | Without packing: 9 g With packing: 15 g |
| Dimensions | Without packing: 35 x 36 x 12 mm / 1.38 x 1.42 x 0.47 inch With packing: 80 x 140 x 30 mm / 3.15 x 5.51 x 1.18 inch |

Technical sketches

Dimensions (mm)



Warning:

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