

› 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

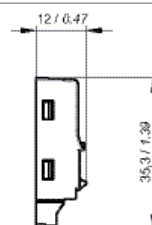
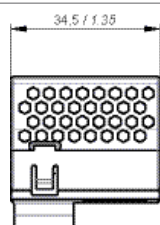
General characteristics	
Finish	Glossy black
Color	Black RAL 9011
Material	UL94 V0, 1272/2008/CE (Halogen free)
Products certification	CE, cURus Listed
Conformity with the RED directive (in accordance with 2014/53/EU)	EN 300 328 V2.1.1 : Radio essential requirements EN 301 489-17 V3.1.1 : EMC essential 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)

Bluetooth interface



Warning:

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