## **Dimensions** 20 M12 × 1 ۲ 10 LA 144 126 107 R M5 (2x) 9 CE **Electrical connection** + **Model Number** 2 А IPH-F90A-V1 $\Leftrightarrow$ 3 Read/write head 4 В for IDENTControl Shield **Features** Connection via V1 (M12 x 1) plug • connection **Technical data** Dual-LED for function display General specifications Protection degree IP67 125 kHz Operating frequency 2 kBit/s Transfer rate Accessories Sensing range 3 ... 90 mm (with transponder IPC03-50P at 25°C) Read distance V1-G-5M-PUR-ABG-V1-W Write distance 3 ... 80 mm (with transponder IPC03-50P at 25°C) Connecting cable, M12 to M12, PUR ca-Width max. 140 mm ble 4-pin, shielded UL File Number E87056 Indicators/operating means V1-G-10M-PUR-ABG-V1-W LED green/yellow green: power on Connecting cable, M12 to M12, PUR cagreen flashing: read/write attempt performed ble 4-pin, shielded yellow: data carrier detected **Electrical specifications** Power consumption $\leq$ 1.2 W P<sub>0</sub> from the IDENTControl Supply Ambient conditions -25 ... 55 °C (-13 ... 131 °F) Ambient temperature Storage temperature -40 ... 55 °C (-40 ... 131 °F) Mechanical specifications Protection degree IP67 Connection M12 x 1 connector Material Housing ABS Encapsulation compound WEVO 403FL/300 Installation $\begin{array}{l} \text{Multiplex on:} \geq 100 \text{ mm} \\ \text{Multiplex off:} \geq 550 \text{ mm} \end{array}$ Distance between two heads approx. 180 g Mass Compliance with standards and directives Directive conformity R&TTE Directive 1995/5/EC EN 301489-1 V1.8.1 (2008-04), EN 301489-3 V1.4.1 (2002-08), EN 300330-2 V1.3.1 (2006-04), EN 60950-1:2006 Standard conformity Protection degree EN 60529

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