

**radar level transmitter****Not to be supplied in France, Germany, Great Britain and Sweden****Level measurement without contact for liquids****Measurement range 15 mt****Radar pulses K band****Visualization and configuration on a removable display module****Output 4 ÷ 20mA; 2 configurable relays**

Compact unit with removable programming display, a module for level measurement (K-band) of liquids. Available in 2-wire version (loop powered) or in 4-wire version, with 2 programmable relays on different intervention thresholds and Modbus RTU serial communication. Connection to the 2 "G threaded process made of PP (moplen) for compatibility with chemically aggressive environments. The measuring range is between 0.7 and 15 meters (on liquids) and is guaranteed only in the case of conductive liquids. The polycarbonate housing is equipped with a transparent cover for an immediate reading of the values.

**TECHNICAL FEATURES****Frequency range**

K band

**Housing / sensor material**

PC / PP

**Mechanical installation**

Threaded 2 "G; flange in PP optional

**IP rating**

IP67

**Electrical connection**

Terminals

**Working temperature**

-40 ° ÷ + 80 ° C

**Process pressure**

max 3 bar

**Supply**

24Vdc

**Consumption**

max 2W (4 wires)

**Outputs**

4 to 20mA

2 relays 3A 230Vac n.a.

**Digital communication**

MODBUS RTU (4 wires)

**Maximum measuring range**

15 meters (on conductive liquids)

**Block distance**

0.7 mt

**Accuracy**

± 0.5% not better than ± 2.5mm

**Resolution**

5mm.

**Calibration**

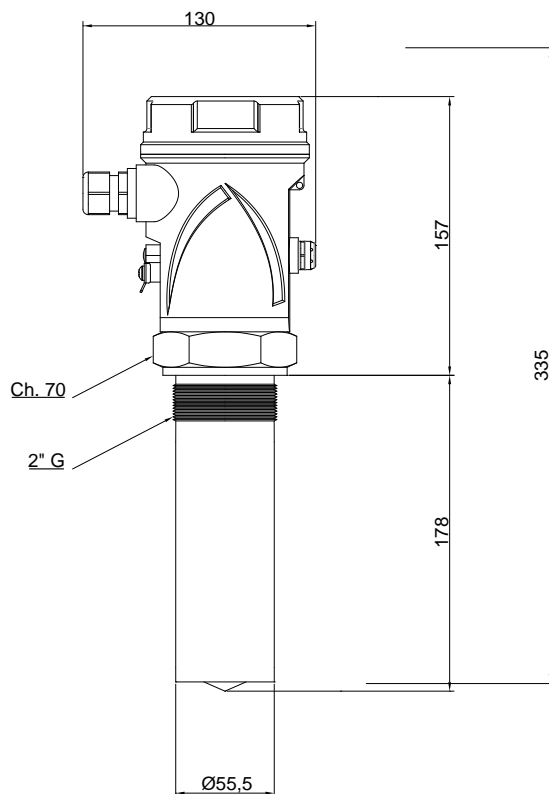
through module; Modbus (4 files)

**Thermal stabilization**

1 minute typical

**Visualization**

extractable programming module (opt.) With 4 keys and matrix LCD



## Radar level transmitter

Micro-waves pulse group K  
 For liquids - Max. distance 15m  
 4+20mA output.  
 Housing with anti-condensate filter  
 G 2" / PP threaded connection + fixing bolt  
 Setting by keyboard/display removable module (optional)  
 or via BLUETOOTH (pending) with Android APP  
 Working temperature: -30° ÷ +70°C (80° non continuous)

Version	
1	2-wire, range 15m
8	4-wire, range 15m, 2 relays, MODBUS
9	Special
Housing / Sensor materials	
F	PC with transparent cap, IP67 / PP
L	PC with blind cap, IP67 / PP
S	Aluminum with transparent cap, IP67 / PP
Z	Special
Power supply	
4	24Vdc (20+30Vdc)
9	Special
Accessories	
A	None
B	BLUETOOTH - only for 4-wire version 8
C	DN80 PN6 UNI 1092-1/PP flange (600J001T)
D	Display/programming module
S	MODBUS communication software (010F105A)
Z	Special