



# Mod. LR35

## Radar Level Sensor

## Highlighted specs

- Programmable High accuracy Hydrometer
- Radar measure device 26 GHz
- Waterproof IP67 box for outdoor applications
- Accuracy  $\pm 2\text{mm}$
- Can be installed vertically tilted
- Available with various signal output
- According to **CE** norms

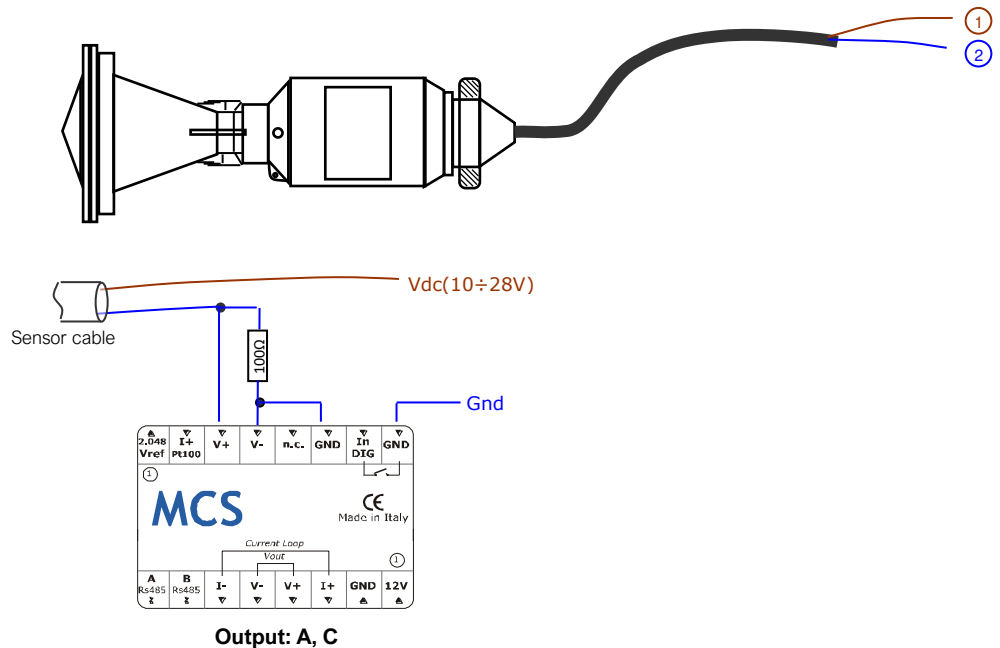
The sensor for **water level measurement**, VEGAplus series, consists of a transducer for **K-band 26 GHz** housed in a resin body **IP67 protection**. It is an ideal sensor for all applications of water level measurement in open field or in stilling wells, thanks to the narrow beam of microwaves. Accurate and reliable, it's maintenance-free. Available with standard **electrical output (current)** or digital **RS485** with **ModBus** (MCS option).

<b>Typical range</b>	0÷35.000 mm
<b>Sensibility</b>	1 mm
<b>Accuracy</b>	$\pm 2\text{mm}$
<b>Response time</b>	< 1s
<b>Type of transducer</b>	Radar 26 GHz – K band
<b>Beam Wide (typical)</b>	Standard 8°
<b>Signal output</b>	4÷20mA or 0÷2Vdc or RS485 ModBus (MCS Option)
<b>Power supply and consumption</b>	Current loop or 10÷28 Vdc, < 0,8W
<b>Working conditions</b>	-40 ÷ +80°C
<b>Protections</b>	Polarity reverse and transient
<b>Box</b>	Resin IP67, stainless steel
<b>Weight</b>	About 2kg

## Size and connections

Pin	Wire	LR35-B
1	Brown	Out + (+)
2	Blue	Out - (-)

**Output: B**



## Order code

Sensor	Output	Accessories	Example of order code
Radar level Sensor range 35m	0÷2Vdc (MCS option) 4÷20mA RS485 / Modbus (MCS option)	CS05 – Cable 5m sensor - datalogger CS10 – Cable 10m sensor - datalogger CSxx – Cable xx* m length sensor - datalogger SSU – Sensors support L=750mm SS-P1 – Bridge support with joint	LR35 A B C 05 10 xx SSU SS-P1

\*specify the length for no standard measures

example of order code LR35 B 10 SSU