

### Suitable for Medium all kinds of corrosive liquid. Measure up to 30 m

This series of radar level meter adopted 26G high frequency radar sensor; the maximum measurement range can reach up to 30 meters.

Suitable for medium all kinds of corrosive liquid, sewage, petroleum, river channel, heavy steam conditions.

Antenna is optimized further processing, the new fast microprocessors have higher speed and efficiency can be done signal analysis, the instrumentation can be used for reactor and very complex measurement environment.

Riels® Radar level meter can be used for measurements in very difficult environments.

#### The characteristics of 26G radar level meter:

- Precision +/- 3 mm
- Temperature -40+250°C
- Pressure -1+40 Bar
- Easy to install; Contactless radar; no wear; no pollution; no corrosion; no bubble effect; not affected by water vapor in the atmosphere by temperature and pressure variations.
- Simple calibration, measurement and sensitive responsiveness.
- High signal-to-noise ratio, the state-level fluctuation get better performance.
- On request ATEX version for areas with risk of explosion.



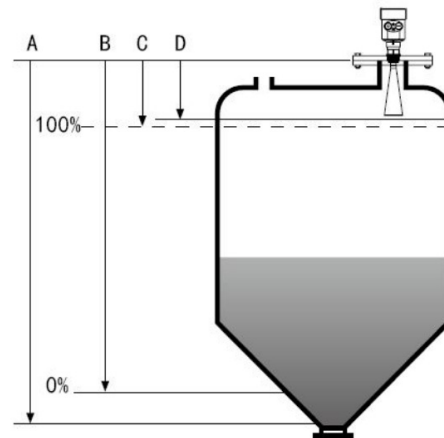
#### RIL405 Product Model Selection

P	Standard (Non-explosion-proof)
I	Intrinsically safe (Exia IIC T6 Ga)
<b>Seal / Process Temperature</b>	
V	VITON / -40... 150°C
K	KALREZ / -40... 250°C
<b>Process connection / Material</b>	
G	Threaded G1" ½ A / Stainless steel AISI 304
N	Threaded 1" ½ NPT or Stainless steel AISI 304
A	Flange DN50 / Stainless steel AISI 304
B	Flange DN80 / Stainless steel AISI 304
C	Flange DN100 / Stainless steel AISI 304
Y	Special custom
<b>Antenna Type / Material</b>	
A	Diameter 46 mm Stainless steel AISI 304
C	Diameter 76 mm Stainless steel AISI 304
D	Diameter 96 mm Stainless steel AISI 304
<b>Electroni unit</b>	
2	(4~20) mA / 24V DC / 2 wire
3	(4~20) mA / 24V DC / 2 wire HART
4	(4~20) mA / 220V AC / 4 wire
5	RS485 / Modbus
<b>Housing / Protection</b>	
L	Alluminium / IP67
G	Stainless steel 304 / IP67
<b>Cable entry</b>	
M	M20x1.5
N	½" NPT
<b>Display</b>	
A	With
X	Without

Example: RIL405-P-V-G-A-2-L-M-A



A Range set  
B Low adjustment  
C High  
D Blind area



**Note:** Screw thread bottom or the sealing surface of the flange. Make sure the radar level meter the highest level cannot enter the measuring blind area (Figure D shown below).