VEGA

VEGAPULS 67

SPEED

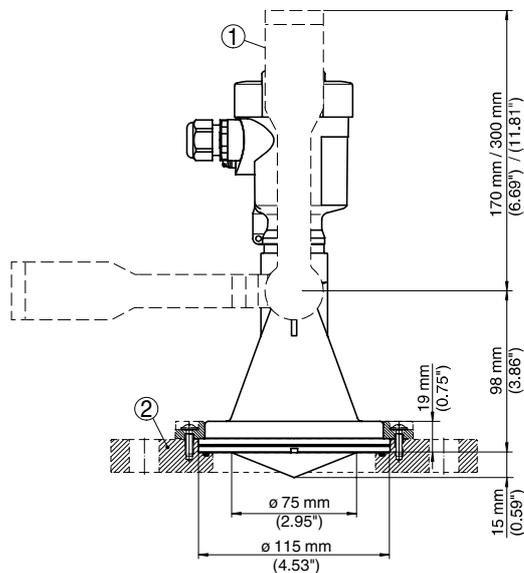**Radar sensor for continuous level measurement of bulk solids**

Application area
The VEGAPULS 67 is a radar sensor for continuous level measurement of bulk solids under simple process conditions. It is suitable for smaller silos and vessels. The VEGAPULS 67 is an economical solution through its versatile and simple mounting options. The encapsulated antenna system ensures maintenance-free permanent operation even with strong pollution.

Advantages
– Non-contact measurement
– High plant availability, because wear and maintenance-free
– Reliable measurement independent of vapour, dust and noise

Technical data
Measuring range:	up to 15 m
Process fitting:	mounting strap
	compression flanges from DN 80, 3"
Process temperature:	-40 … +80 °C
Process pressure:	-1 … +2 bar (-100 … +200 kPa)
Accuracy:	+/- 2 mm
SIL qualification:	up to SIL2

1 Mounting strap
2 Adapter flange

Approval
XX without ....
RX ATEX II 1D, 1/2D, 2D Ex t IIIC T... Da, Da/Db, Db ....
RX IEC Ex t IIIC T... Da,Da/Db,Db ....

 Version / Material / Process temperature
 B with plastic horn antenna ø80mm / PP / -40...80°C ....

  Process fitting / Material
  XX without compression flange ....
  XC Mounting strap 170mm / 1.4404 ....
  XD Mounting strap 300mm / 1.4404 ....
  YD Combi compr. flange DN80PN16, ANSI3", 150 lb / PPH ....
  AE Adapter flange DN100PN16 FKM(Viton) / PPH ....
  AH Adapter flange DN150PN16 FKM(Viton) / PPH ....
  FK Adapter flange ANSI 4"150lb FKM(Viton) / PPH ....
  FM Adapter flange ANSI 6"150lb FKM(Viton) / PPH ....
  UC Adapter flange JIS DN100 10K FKM(Viton) / PPH ....
  UE Adapter flange JIS DN150 10K FKM(Viton) / PPH ....

   Electronics
   H Two-wire 4...20mA/HART® ....
   1 Two-wire 4...20mA/HART® and PLICSMOBILE ....
   B Four-wire 4...20mA/HART®; 90...253V AC; 50/60Hz ....
   I Four-wire 4...20mA/HART®; 9.6...48V DC; 20...42V AC ....
   P Profibus PA ....
   F Foundation Fieldbus ....

    Housing / Protection
    K Plastic / IP66/IP67 ....
    A Aluminium / IP66/IP68 (0.2bar) ....
    D Aluminium double chamber / IP66/IP68 (0.2bar) ....
    8 StSt (electropolished) 316L / IP66/IP68 (0.2bar) ....
    W StSt double chamber / IP66/IP68 (0.2 bar) ....
    R Plastic double chamber / IP66/IP67 ....

     Cable entry / Cable gland / Plug connection
     M M20x1.5 / with / without ....
     N ½NPT / without / without ....

      Indicating/adjustment module PLICSCOM
      X without ....
      A mounted ....

       Additional equipment
       X without ....

PS67. ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐