

RF Admittance Microwave Intelligent level switch



BROTEK India has all in one, universal, intelligent RF admittance microwave level switch, microwave field generate alarm when measuring point inserting few millimeters in to the medium, also its not effect by foam condensate and residue, by using microwave measuring principle possible to detect a conductive and non conductive medium from: liquid, solid and solid powder. Output of switch only when measuring point is completely cover by medium, also its measuring point has no dead end and is hygienic so level switch is suitable for **CIP (Clean-in-Place)**, **WIP (Wash-in-Place)** and **SIP (Sterilization-in-Place)**, available with different process connection as per industries requirement, and different temperature version for set up to 200 deg C



KP-M



KP-L



KP-H

Technical detail

Material : Enclosure and Connection : S.S. 316L
: Measuring point : PEEK
Switch delay : 0 to 3 second
Output : NO, NC, NPN, PNP
Power supply : 12 to 33 v dc, ideal : 24v dc
Power consumption : less than 33 mA
Protection: IP 66
Pressure Limit : 10 bar
Temperature limit : 1) -040 to 85 deg c,
2) -40 to 150 degc
3) -40 to 200 deg c
Process connection : Thread, tri-clamp,
sanitary clamp,
welding sleeve
Weight : 0.3 kg

Certification

Explosion proof : EXD IIC T6 Gb,
Certificate no : CCRI 17, 1035,
Safety Certificate : Class : SIL-3,
Certificate No: 2190124SKSO060
CE certificate : CE-EMC-2014/30/EU
: CE-LVD-2014/35/EU
Protection : IP 66

Application

- 1) overflow protection or high limit detection (max)
- 2) Pump ideal protection from dry run (min)
- 3) low limit detection (min)

