

Data sheet

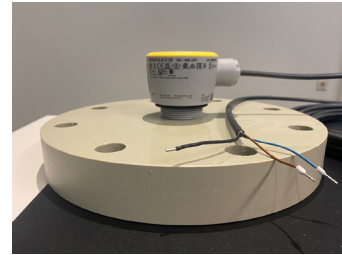
FLANGE LEVEL SENSOR

IDEAL USAGE

Required for project in which our Level Radar Sensors should be installed at our Containment products.

APPLICATIONS

This product is suitable for use in combination with the Level Radar Sensor 15 meter ATEX, ensuring compatibility and safe operation in potentially explosive atmospheres.



SPECIFICATIONS

	PP-H natural
Density, g/cm3, DIN EN ISO 1183:	0.90
Yield stress, MPa, DIN EN ISO 527:	32
Elongation at yield, %, DIN EN ISO 527:	8
Tensile modulus of elasticity, MPa, DIN EN ISO 527:	1,400
Impact strength, kJ/m2, DIN EN ISO 179:	Without break
Notched impact strength, kJ/m2, DIN EN ISO 179:	7
Shore hardness D (15 s), DIN EN ISO 868:	70
Mean coefficient of linear thermal expansion, K-1, ISO 11359-2:	1.6 x 10-4
Fire behaviour, DIN 4102:	B2 normal flammability (own assessment without test certificate)
Dielectric strength, kV/mm, VDE 60243-1:	-
Surface resistivity, ohm, DIN IEC 60093:	1014
Temperature range, °C:	0 to +100
Chemical resistance:	Excellent in contact with many acids, alkalis and solvents
Physiological safety:	BfR ✓
Food conformity:	EU ✓ FDA ✓

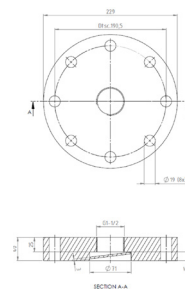
BENEFITS

- These medium separator flanges are designed to use with our Level Radar Sensor 15 meter ATEX with G 1 ½ threaded connection
- By a membrane at the bottom of this flange plate, the sensor has a protection by a PP-H against vapors. In a rare case of malfunction the sensor can be exchanged without removing the flange plate.

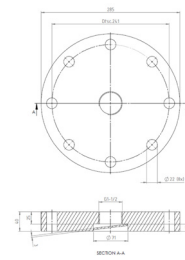
APPROVALS

- DIN: German National Standards Institute (DIN 2501)
- EN: European Standard (EN 1092-1)
- ASME: American Society of Mechanical Engineers (ASME B 16.5)

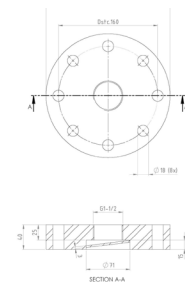
ANSI 4"



ANSI 6"



DIN DN80



DIN DN100

