

SC R5

Scanjet Radar - ScanRad



KEY FEATURES

SC R5

- Radar self-test during power up
- Stand alone microprocessor based transmitter
- Automatic false echo suppression
- Easy and Quick Setup
- Easy 2-wire connection
- Fully integrated with the Scanjet Surveyor system

Product Summary:

Scanjet high frequency pulse radar, ScanRad, is a high performance instrument for measurement of level/ullage in tanks. The compact design ensures easy and flexible installation. Purpose developed software enables the user to filter any echoes from obstacles in the tank to ensure accurate reading.

Typical applications for Scanjet Radar:

- Barges
- Chemical Carriers
- Product Carriers
- Industrial Applications

Supported by Scanjet worldwide service network



ATEX: TÜV 16 ATEX 7986 X
IECEX : IECEX TUR 16.0064X

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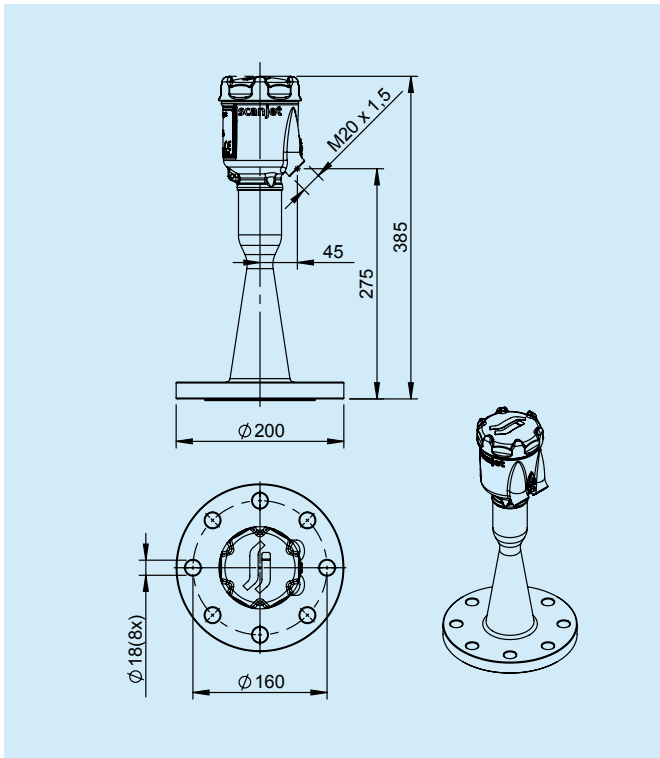
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Dimensions



Specifications

Measuring Range up to	27m
Microwave Frequency	Pulse 26 GHz Radar
Measuring Interval	~1 sec
Adjustment time	~1 sec
Accuracy	±3mm
3dB Beam Angle, Flange	DN50 18°
3dB Beam Angle, Flange	DN80 12°
Operating Temperature	
Process Temperature	- 40 ~ + 150°C
Pressure	Max. 40MPa
Temp. for Storage/Transport	- 40 ~ + 100°C
Relative Humidity	<95%
Intrinsic safety approval	II 1G Ex ia IIC T6...T3 Ga
Protection Class	IP67
Weight	Approx. 7 kg
Power 2 wire HART	21,6 ~ 26,4 VDC
Current	Max. 22,5 mA
Output Signal	DC 4-20mA./HART/RS 485
Resolution	1,6 µA

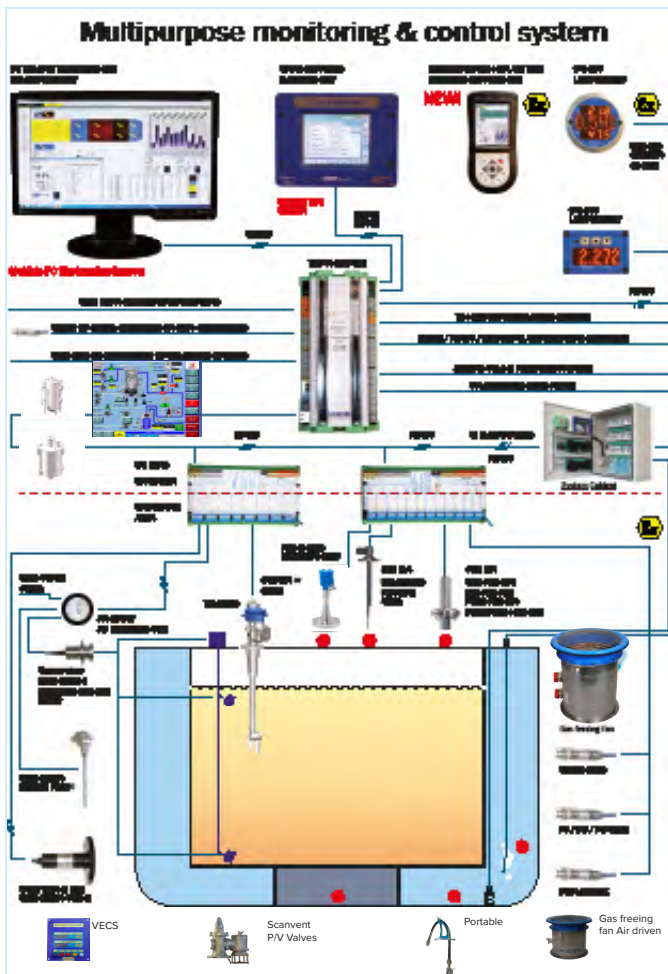
Materials

Housing	SS 316L (Mo 2.8)
Enclosure Material	SS 316L (Mo 2.8)
Process connection	Flange DN 80, SS 316L
	Mo 2.8 PTFE

Process seal

Connections

Cable Conduit:	M20 x 1.5
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