

# Radar Level Meter Selection (with LCD)

	XRD1-1	XRD1-1L-150TFA	XRD1-1L-150FA	XRD1-1L-150CW	XRD1-1N-30A	XRD1-1N-30F	XRD1-1M-30FA
<b>Beam Angle</b>	3°	3°	3°	3°	8°	8°	6°
<b>Near Blind Spots</b>	0.3	0.3	0.3	0.3	0.10	0.10	0.15
<b>LCD Screen</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Maximum Distance</b>	100	≤150	≤150	≤150	≤30	≤30	≤50
<b>Range Accuracy</b>	±1mm	±1mm	+1mm	±1mm	+1mm	±1mm	±1mm
<b>Power Supply</b>	9V~36V	24V	24V	24V	24V	24V	24V
<b>Electric Current</b>	80mA@24V	4~20mA	4~20mA	4~20mA	4~20mA	4~20mA	4~20mA
<b>Refresh Rate</b>	100ms	4S	4S	4S	4S	4S	4S
<b>Communication Interface</b>	RS485 modbus	Two-wire system/ 4-20mA/hart	Two-wire system/ 4-20mA/hart	Two-wire system/ 4-20mA/hart	Two-wire system/ 4-20mA/hart	Two-wire system/ 4-20mA/hart	Two-wire system/ 4-20mA/hart
<b>Operating Temperature</b>	-40~85°C	-40~60°C	-40~60°C	-40~60°C	-40~60°C	-40~60°C	-40~60°C
<b>Process Temperature</b>	——	-40~250°C	-40~150°C	-40~150°C	-40~150°C	-40~85°C	-40~150°C
<b>Pressure</b>	——	-0.1~2.5Mpa	-0.1~2.5Mpa	-0.1~0.3Mpa	-0.1~1.6Mpa	0.1~0.3Mpa	-0.1~2.5Mpa
<b>Universal</b>	——	——	——	Yes	——	——	——
<b>Purge</b>	——	——	——	Yes	——	——	——
<b>Anti-Explosion</b>	——	Ex db IIC T6 Gb	Ex db IIC T6 Gb	Ex db IIC T6 Gb	Ex db IIC T6 Gb	Ex db IIC T6 Gb	Ex db IIC T6 Gb
<b>Anti-Corrosion</b>	——	Yes	Yes	——	——	Yes	Yes
<b>Protection Class</b>	IP67	IP67	IP67	IP67	IP67	IP67	IP67
<b>Process Connection</b>	Custom brackets	≥DN80 flange	≥DN80 flange	≥DN80 flange	G11/2 pipe thread	G11/2 pipe thread	≥DN50 flange
<b>Feature</b>	solids, liquids high refresh rate	solids, liquids anti-corrosion, high pressure, high temperature	solids, liquids anti-corrosion, high pressure	solids, liquids universal, purge, high dust	solids, liquids high pressure, small blind areas	solids, liquids corrosion, small blind areas	solids, liquids high pressure, small blind areas, anti-corrosion
<b>Picture</b>							