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Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
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Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

Ижевск (3412)26-03-58
Иркутск (395)279-98-46
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Кемерово (3842)65-04-62
Киров (8332)68-02-04
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Киргизия (996)312-96-26-47

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Набережные Челны (8552)20-53-41
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Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Казахстан (772)734-952-31

Пермь (342)205-81-47
Россия (495)268-04-70
Ростов-на-Дону (863)308-18-15
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Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
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Симферополь (3652)67-13-56
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Сочи (862)225-72-31
Ставрополь (8652)20-65-13

Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

<https://nuoying.nt-rt.ru/> || nyo@nt-rt.ru

Высокочастотный радарный уровнемер NYRD-SD

NYRD-SD High Frequency Radar Level Meter



High Frequency Radar Level Meter

1. Design features:

Small antenna size, easy to install; non-contact radar, no wear, no pollution

Hardly affected by corrosion or foam; hardly affected by changes in water vapor, temperature and pressure in the atmosphere.

Severe dust environment has little influence on the work of high frequency level gauge.

Shorter wavelength, better reflection on inclined solid surfaces

The beam angle is small and the energy is concentrated, which enhances the echo ability and helps to avoid the interference.

The measurement blind area is smaller, and good results can be obtained for small tank measurement.

High signal-to-noise ratio, even in the case of switching, can achieve better performance

High frequency is the best choice for measuring solid and low dielectric constant medium

2. Technical parameters

Application: Easy to crystallize, dew, corrosive liquid, powder

Antenna material: 316L/PTFE/Water droplet antenna

Measuring range: 40 meters

Frequency range: 26GHz

Accuracy: $\pm 3\text{mm}$

Medium temperature: -40 to $+260$ °C

Process pressure: $-0.1 \sim 2.0\text{Mpa}$

Power supply: 24VDC (two-wire, four-wire optional)

Signal output: 4...20mA/HART (two lines/four lines)/ RS485/Mod bus

Process connection: Flange

Protection level: IP67

Explosion-proof grade: Exia IIC T6 Ga