



## NR30

### ORDERING CODE

Meter NR30	X	X	X	X	XX	X	X
<b>Input current In:</b>							
1/5 A (X/1; X/5)	1						
63 A	2						
<b>Input voltage (phase/phase-to-phase) Un:</b>							
3 x 57.7/ 100 V up to 3 x 100/ 170 V	1						
3 x 230/ 400 V up to 3 x 400/ 690 V	2						
<b>Interface:</b>							
RS-485 and Ethernet	2						
<b>Supply:</b>							
85...253 V a.c., 90...300 V d.c.	1						
20...40 V a.c., 20...60 V d.c.	2						
<b>Version:</b>							
standard	00						
with S4AO*: 4 current outputs 0/4 ... 20 mA	01						
with S4AO*: 4 voltage outputs 0 ... 10 V	02						
with S4AO*: 4 outputs (2 groups 1 x 0...10 V + 1 x 0/4 ... 20 mA)	03						
supervisory relay	SR						
custom-made**	XX						
<b>Language:</b>							
Polish/ English	M						
other**	X						
<b>Acceptance tests:</b>							
without additional quality requirements	0						
with an extra quality inspection certificate	1						
with calibration certificate	2						
acc.to customer's request	X						

#### ORDERING WAY OF ADDITIONAL FUNCTIONS (SUPERVISORY RELAY, MQTT PROTOCOL)

Ordering code	Description of the license key
LKEY WXNR30MQ	activation of the MQTT protocol in NR30
LKEY WXNR30SR	activation of the supervisory relay function in NR30
LKEY WXNR30MS	activation of the MQTT protocol and the supervisory relay function in NR30

**Important:** When ordering, please provide the meter's execution code and serial number NR30. It is placed on the meter's nominal plate, in the configuration menu in the Information mode or on the bar in the eCon program.

#### Order example:

The code: **NR30 112100M0** means:

- NR30 – NR30 meter
- 1 – input current 1/5 A (X/1; X/5)
- 1 – input voltage 3x57.7/100 V up to 3x100/170 V,
- 2 – RS485 and Ethernet,
- 1 – supply 85...253 V a.c., 90...300 V d.c.
- 00 – standard version,
- M – polish/english language version
- 0 – without additional quality requirements.

\* 4-channel S4AO analog output module will be made in english version with the same power supply as the ordered NR30 meter, unless the customer specifies otherwise. The S4AO module communicates with the NR30 meter via the RS485 Modbus Master interface, therefore cooperation with S4AO excludes the use the NR30 meter RS485 interface for communication with another Master.

\*\*after agreement with the manufacturer

Meter NR30IoT	X	X	X	X	XX	X	X
<b>Input current In:</b>							
1/5 A (X/1; X/5)	1						
63 A	2						
<b>Input voltage (phase/phase-to-phase) Un:</b>							
3 x 57.7/ 100 V up to 3 x 100/ 170 V	1						
3 x 230/ 400 V up to 3 x 400/ 690 V	2						
<b>Interface:</b>							
RS-485 and Ethernet	2						
<b>Supply:</b>							
85...253 V a.c., 90...300 V d.c.	1						
20...40 V a.c., 20...60 V d.c.	2						
<b>Version:</b>							
standard with MQTT protocol	MQ						
MQTT protocol + supervisory relay	MS						
with S4AO*: 4 current outputs 0/4 ... 20 mA	01						
with S4AO*: 4 voltage outputs 0 ... 10 V	02						
with S4AO*: 4 outputs (2 groups 1 x 0...10 V + 1 x 0/4 ... 20 mA)	03						
custom-made**	XX						
<b>Language:</b>							
Polish/ English	M						
other**	X						
<b>Acceptance tests:</b>							
without additional quality requirements	0						
with an extra quality inspection certificate	1						
with calibration certificate	2						
acc.to customer's request	X						

#### ORDERING WAY OF ADDITIONAL FUNCTIONS (SUPERVISORY RELAY)

Ordering code	Description of the license key
LKEY WXNR30IoTMS	activation of the supervisory relay function in NR30IoT

**Important:** When ordering, please provide the meter's execution code and serial number NR30IoT. It is placed on the meter's nominal plate, in the configuration menu in the Information mode or on the bar in the eCon program.

#### Order example:

The code: **NR30IoT 1121MQM0** means:

- NR30IoT – NR30IoT meter
- 1 – input current 1/5 A (X/1; X/5)
- 1 – input voltage 3x57.7/100 V up to 3x100/170 V,
- 2 – RS485 and Ethernet,
- 1 – supply 85...253 V a.c., 90...300 V d.c.
- MQ – standard version with MQTT protocol,
- M – polish/english language version
- 0 – without additional quality requirements.

\* 4-channel S4AO analog output module will be made in english version with the same power supply as the ordered NR30IoT meter, unless the customer specifies otherwise. The S4AO module communicates with the NR30IoT meter via the RS485 Modbus Master interface, therefore cooperation with S4AO excludes the use the NR30IoT meter RS485 interface for communication with another Master.

\*\*after agreement with the manufacturer