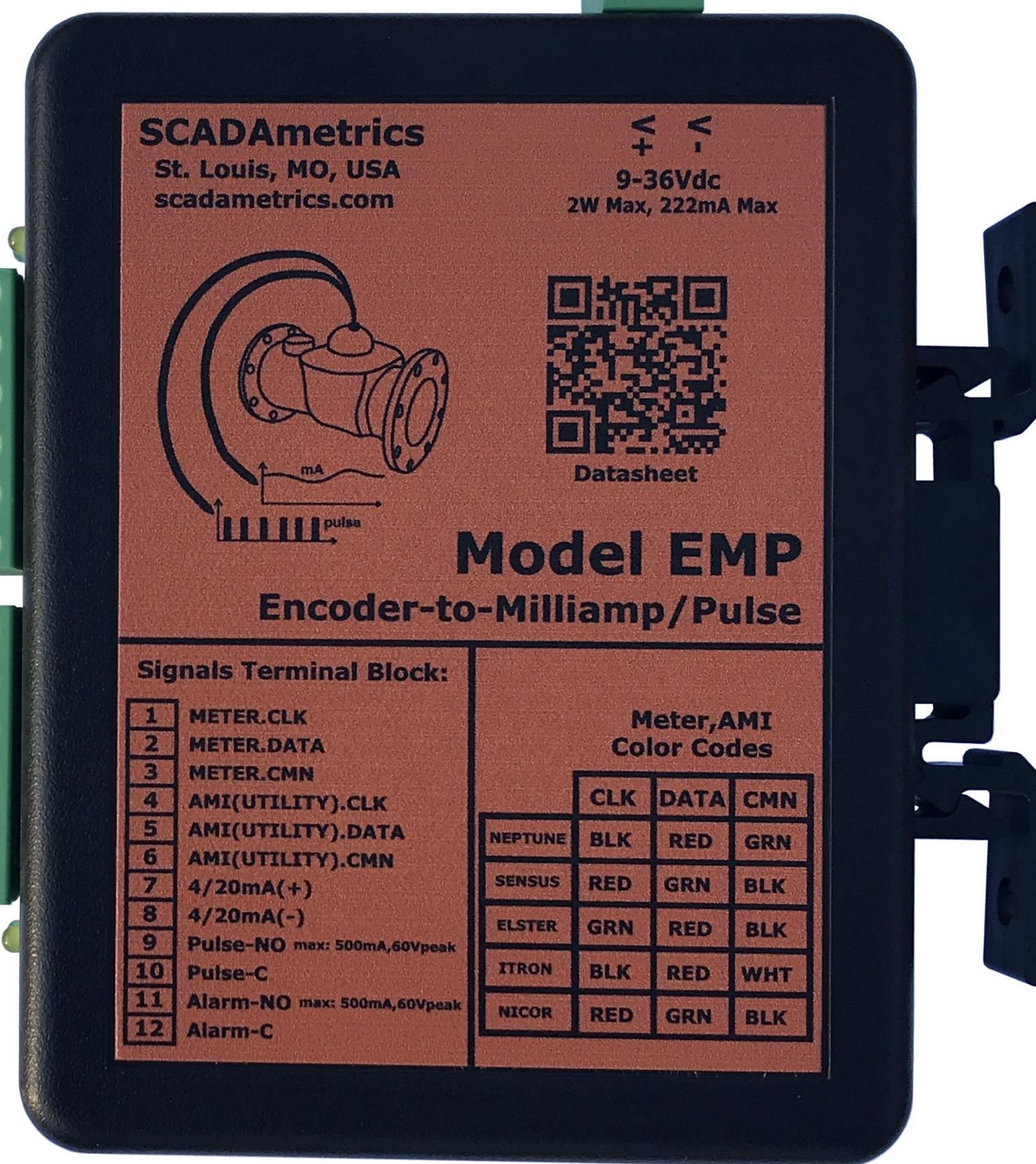


AMR
(AUTOMATIC METER READING)
TRANSMITTER



MODEL EMP
by SCADAmetrics
"Signalizer"



+24V_{DC}
DC Common



24V_{DC}
POWER
ADAPTER
GND
NEUTRAL
120VAC

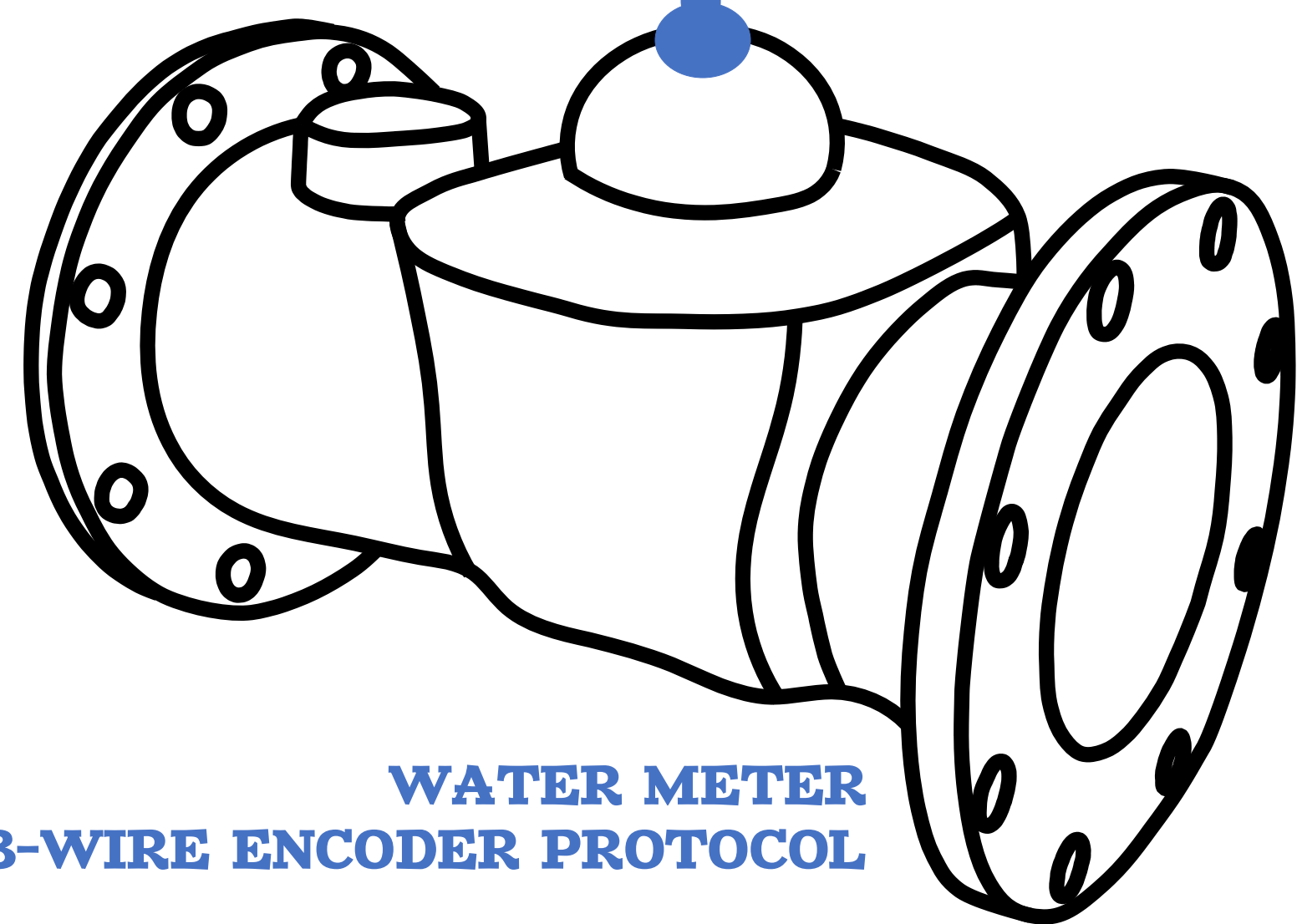
4-20mA +
Output -

1 Pulse per Encoder Volume
(Dry Contact)

Meter Fault
(Dry Contact)

Signals to SCADA/Telemetry System

WATER METER
WITH 3-WIRE ENCODER PROTOCOL



AMR
(AUTOMATIC METER READING)
TRANSMITTER



MODEL EMP
by SCADAmetrics
"Signalizer"

SCADAmetrics
St. Louis, MO, USA
scadametrics.com

9-36Vdc
2W Max, 222mA Max

Model EMP
Encoder-to-Milliamp/Pulse

Signals Terminal Block:

1	METER.CLK
2	METER.DATA
3	METER.CMN
4	AMI(UTILITY).CLK
5	AMI(UTILITY).DATA
6	AMI(UTILITY).CMN
7	4/20mA(+)
8	4/20mA(-)
9	Pulse-NO max: 500mA,60Vpeak
10	Pulse-C
11	Alarm-NO max: 500mA,60Vpeak
12	Alarm-C

Meter,AMI Color Codes			
	CLK	DATA	CMN
NEPTUNE	BLK	RED	GRN
SENSUS	RED	GRN	BLK
ELSTER	GRN	RED	BLK
ITRON	BLK	RED	WHT
NICOR	RED	GRN	BLK

4-20mA +
Output -

1 Pulse per Encoder Volume
(Dry Contact)

Meter Fault
(Dry Contact)

Signals to SCADA/Telemetry System



NEPTUNE FLOW METER
WITH 3-WIRE "NEPTUNE PROTOCOL"

+24V_{DC}

DC Common



24V_{DC}
POWER
ADAPTER

GND

NEUTRAL

120VAC

**AMR
(AUTOMATIC METER READING)
TRANSMITTER**



**MODEL EMP
by SCADAmetrics
"Signalizer"**



**FLOW METER
WITH 3-WIRE "SENSUS PROTOCOL"
(ALL ENCODERS EXCEPT FOR NEPTUNE AND ELSTER/HONEYWELL)**

**4-20mA +
Output -**

**1 Pulse per Encoder Volume
(Dry Contact)**

**Meter Fault
(Dry Contact)**

Signals to SCADA/Telemetry System

+24V_{DC}

DC Common

**24V_{DC}
POWER
ADAPTER**

GND

NEUTRAL

120VAC

