

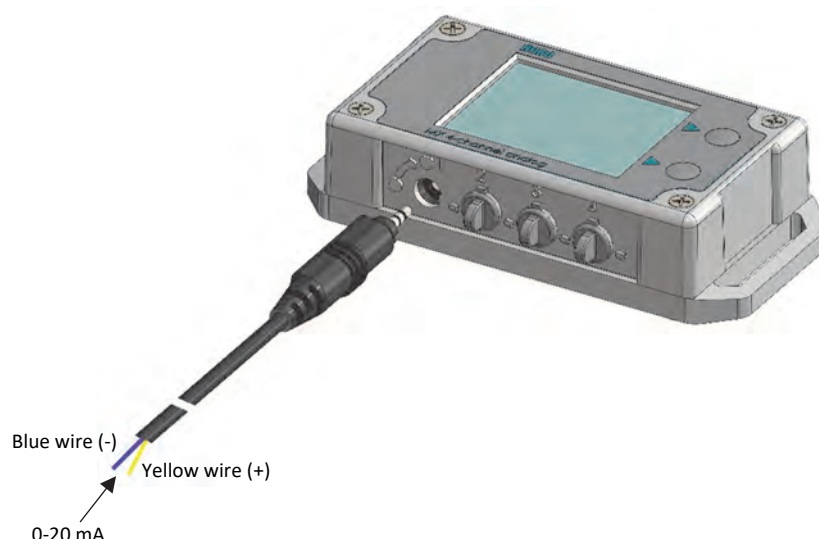
# Self-Describing 4-20 mA Input Sensor (SD-MA-420) Manual

For use with HOB0® MX1104 and MX1105 data loggers

## Specifications

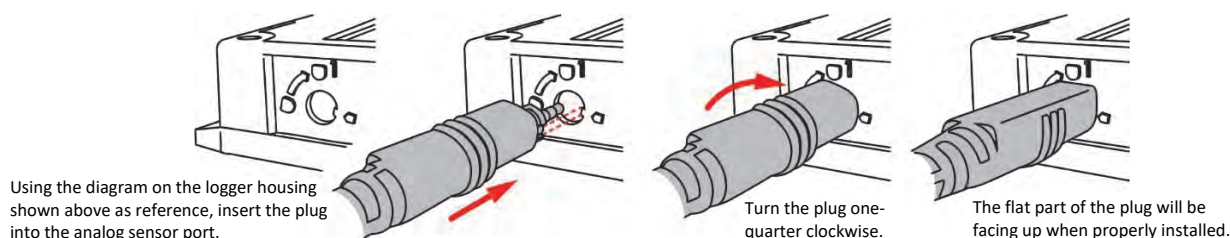
<b>Measurement Range</b>	0 to 20.1 mA
<b>Accuracy</b>	$\pm 0.001$ mA $\pm 0.2\%$ of absolute current
<b>Resolution</b>	0.002% of full scale
<b>Cable Length</b>	47 cm (18.5 inches)

This cable measures currents from 0 to 20.1 mA and must be connected so that the current flows through, and with the proper polarity, as shown below. Do not expose to current above 20 mA or negative current. Do not cut off the end of the black cable where it connects to the blue and yellow wires as that contains the precision resistor required for current measurements.



## Using the Sensor with the HOB0 MX Analog/Temp/RH/Light (MX1104) or HOB0 MX 4-Channel Analog (MX1105) Data Logger

1. Insert the plug into an analog sensor port on the logger. Turn the sensor plug one-quarter clockwise until it stops.



2. In HOB0mobile, connect to the logger and tap Configure. The sensor type will be selected automatically. Set any other logger settings and tap Start. See the HOB0mobile User's Guide for [details](#) on configuring the logger.