Mod. URI

Indoor Humidity Sensor
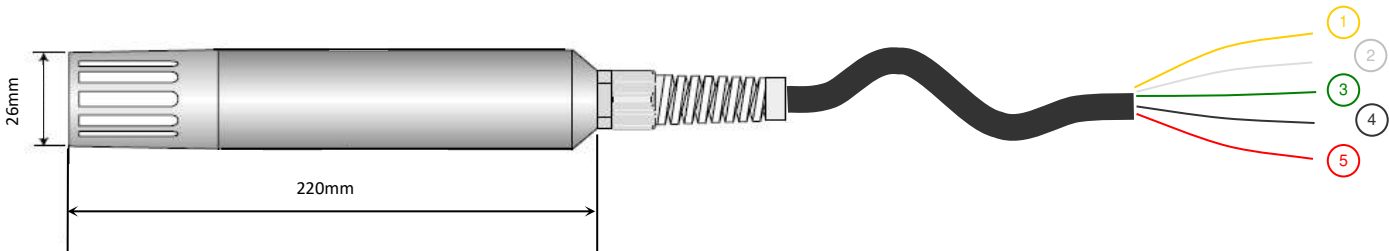
Highlighted specs

- Accurate and reliable Indoor Air Humidity Sensor
- Very limited dimensions and weight
- Perfect for wireless networks
- According to CE norms

Sensor made of plastic material for the measurement of indoor humidity. Its small size allows to use it minimizing the invasiveness. The sensor is made of a thin film that changes the capacity in linear mode with the air humidity, and can be interfaced to any data acquisition system. Available with electrical signal output in voltage (0÷ 1Vdc) or current 4÷20mA or ModBus.

Typical range	0 ÷ 100%Rh
Resolution	0.1%
Accuracy	± 2% f.s.
Response time	< 90sec (10÷80%RH)
Type of transducer	Capacitive
Signal output	0÷1 Vdc, 4÷20mA ; ModBus
Working conditions	-40 ÷ +60°C
Power supply and consumption	10÷30Vdc, < 0.1W
Weight	< 80g

Size and connections

Wire	URI-A	URI-B	URI-C
1 -Yellow	--	--	--
2 – White	Out +	Out +	RS485 A
3 –Green	Out -	--	RS485 B
4 – Gray and orange	Gnd	--	Gnd
5 –Red	Vdc:10÷28V	Vdc:10÷28V	Vdc:10÷28V

Order Code

Sensor					
Sensor	Indoor Relative Humidity Sensor	**URI**			
Output	0÷1Vdc		A		
Output	4÷20mA		B		
Output	ModBus		C		
Accessories	CS05 – Cable 5m sensor-datalogger			05	
Accessories	CS10 – Cable 10m sensor-datalogger			10	
Accessories	CSxx – Cable xx* m length, sensor-datalogger – to be specified at order			xx	
Accessories	SSM - Wall bracket in anodized aluminium for sensors ø25mm, about 12cm away from the wall				SSM
*specify the length for no standard measures		example of order code	**URI**	**A**	**10**	**SSM**