

MAIN DESCRIPTION

BRYSCAN™ sensors series Moisture Minder™ accurately displays the actual moisture content of plastic pellets or regrind, in % or PPM (parts per million). Moisture Minder™ sensors can be easily installed on hoppers, silos, extruders or any production line. Sensors are built using high quality components, to the highest standards and specifications guaranteed by the Swiss-made technology. Trending screens are standard on the controls and options are available to divert or re-circulate material that is out-of-spec.

FEATURES

Rugged steel body - Compact design - Auto-calibration – Standard M12 connection – Electronic board with automotive components – Platinum RTD Class A – optical sensor.

SECTORS OF USE

Polymers/ Plastic resins



Sensor Series	M5	M100	Units
Temperature range	20-200	20-140	°C
Moisture range	10-1000 / 0.001-0.1	100-3000 / 0.01-0.3	ppm/%
Accuracy	Comply with ASTM D7191-10	Comply with ASTM D7191-10	R
Stability	Comply with ASTM D7191-10	Comply with ASTM D7191-10	R
Sample rate [MAX]	2500	2500	Kg/h
Typical Applications [examples]	PET / PETG / PSU / PEI / LCP ...	ABS / PC / PA / ACETAL / ACRYLIC	
Working condition	Fully Filled with product	Fully Filled with product	



Supply		Serial Port		Temperature and Humidity	
Voltage	24 VCC	Type	RS-485	Operating Temperature	10...+110 °C
Current consumption	50 mA Typ. @ 24VDC	Protocol	Modbus RTU	Stocking temperature	-40...+85°C
Reverse polarity protection	60 Vdc max 1 min.	Baud Rate	34800 bps	Humidity Range (no condensing)	0-90 %
		Connector	M12 - 5 pins Male	RTD Platinum	Class A - IEC751 accuracy +/- 0.15°C
EMC Standards		Insulation		Case	
DIRECTIVE 2004/108/EC		insulation	1500 VaC	Material	INOX
Immunity	EN 61000-6-			Assembly	M8 x 10mm
Emission	EN 61000-6-2			Dimensions	247x
				Weight	5,7 kg

Mechanical Dimension (mm)

