Temp & Humid.-THM80X

www.eyc-tech.com

THM80X シリーズ (THM801 / 802 / 803)
産業用高精度温湿度変換器

| 特徴 |

- IP65、頑丈なアルミ筐体で厳しい環境での計測に最適
- 温度補償機能付き。温湿度の線形構成をコンピュータ、アナログ出力、RS-485（オプション）のいずれかで利用可能
- 温湿度を高精度に測定、優れた応答性。一時的な結露が起きてもセンサは正常動作するため高湿環境でも長期安定性を発揮。
- 計測温度：最大 200° C、SUS製プローブ耐圧：10 bar、メタルコネクタで素早く取付
- 物理量の切り替えが可能：[%RH]、[° C]、[mbar]、[g/kg]、[g/m³]、[kj/kg]
- 物理量の校正、計測範囲、アナログ出力、スレーブアドレス等の設定が可能
- 無償の校正ソフトウェア：データロガー / 最大 65535 点の記録 / グラフ

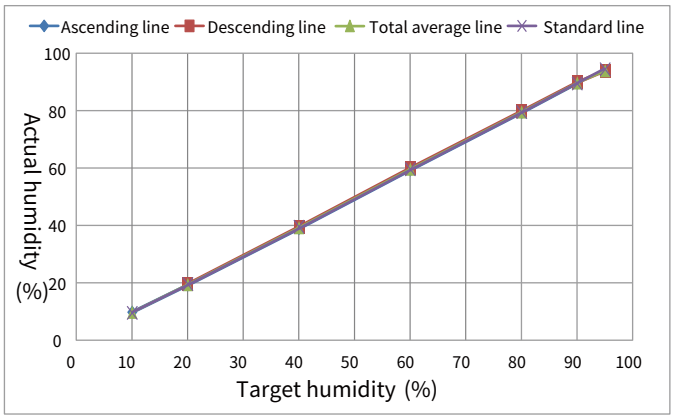
| アプリケーション |

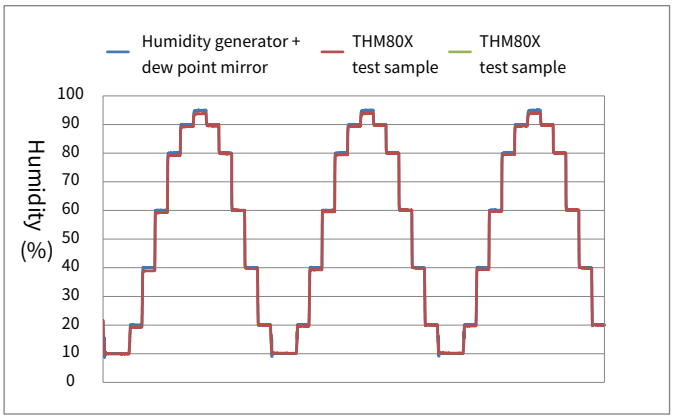
半導体 / 電子機器 / 産業プロセスの監視 / 空調 / 建物の換気制御 / 工場 / 病院 / クリーンルーム / ラボ / 気象観測所 / 倉庫 / 環境室 / 温室 / キノコ栽培 / / 製紙 / 繊維 / 鉄鋼 / 食品 / 化学 / 製薬 / バイオテクノロジー産業

| 3-cycle curve |

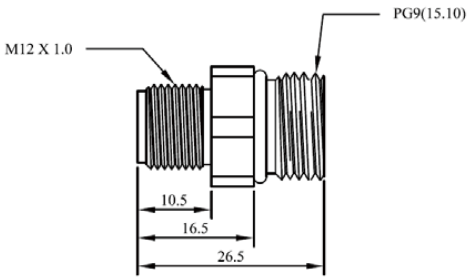
※ According to IEC 61298 and ISO 17025 standard to measuring 3-cycle curve.

As the charts result, accuracy of test sample match with accuracy chart of humidity generator + dew point mirror

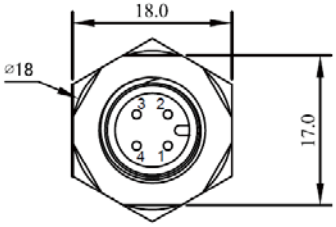




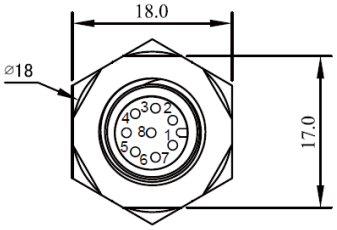
| Electric Connector | Unit : mm



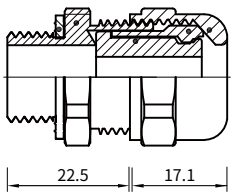
【M type (M12-4PIN metal connector】
RS-485 or analog

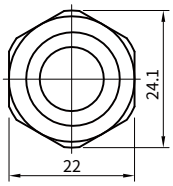


【M type (M12-8PIN metal connector)】
RS-485+analog

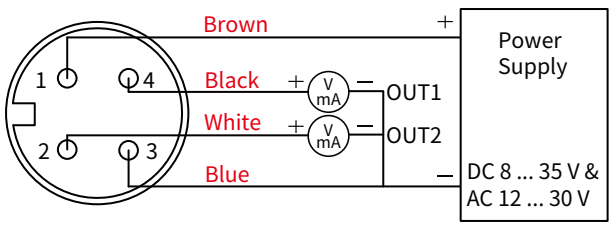


【N type (M16 cable gland)】RS-485+analog



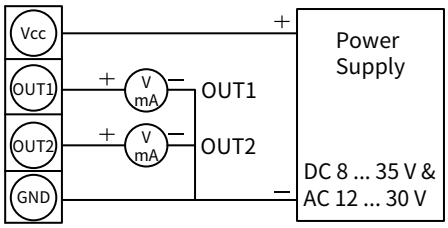


| Analog Diagram |



M12 connector

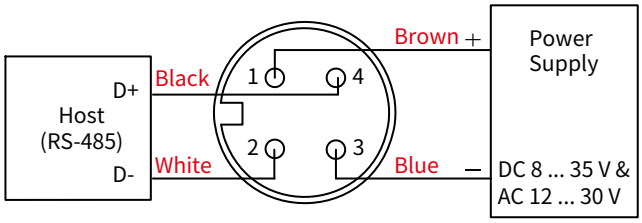
M type (4P)



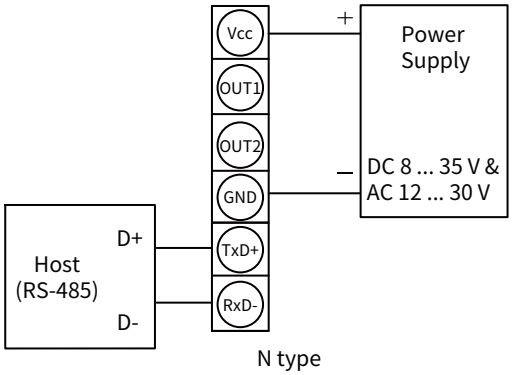
4P terminal

N type

| RS-485 Diagram |



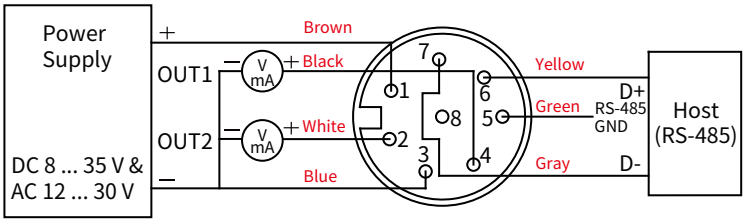
M type (4P)



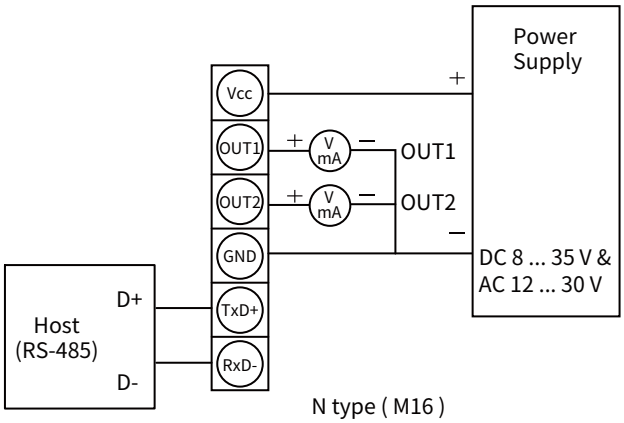
N type

※ When output of ordering code is RS-485 (without analog), RS-485 diagram of default setting is M type.

| Analog+RS-485 Diagram |



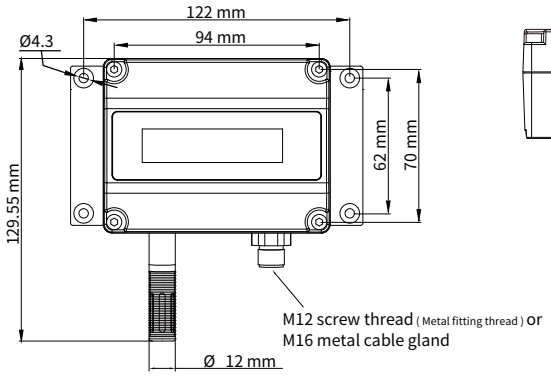
M type (8P)

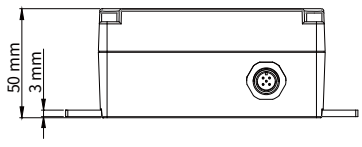


N type (M16)

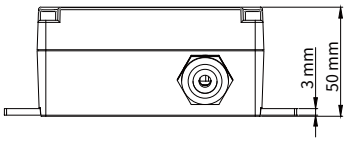
| Dimension |

THM801 (Wall)



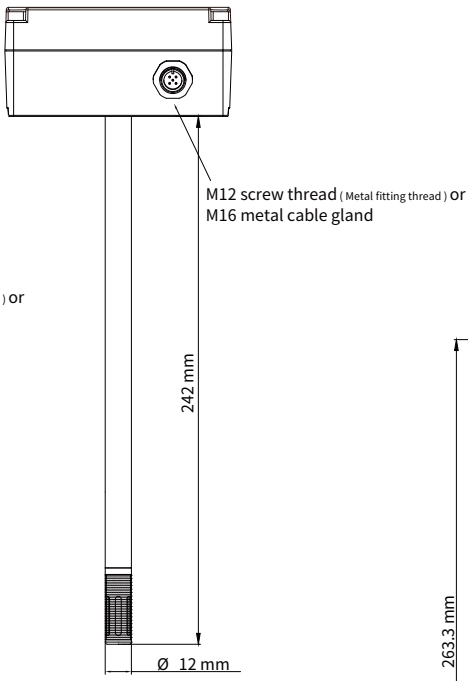


M type

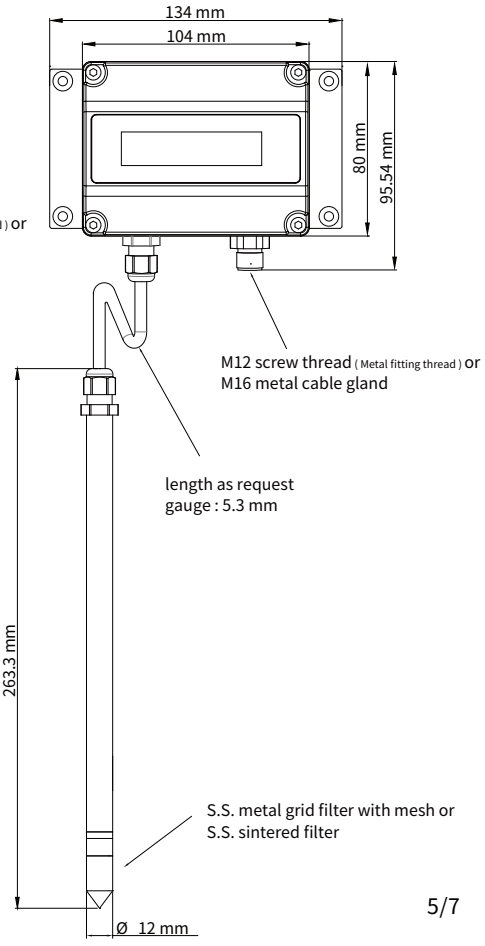


N type

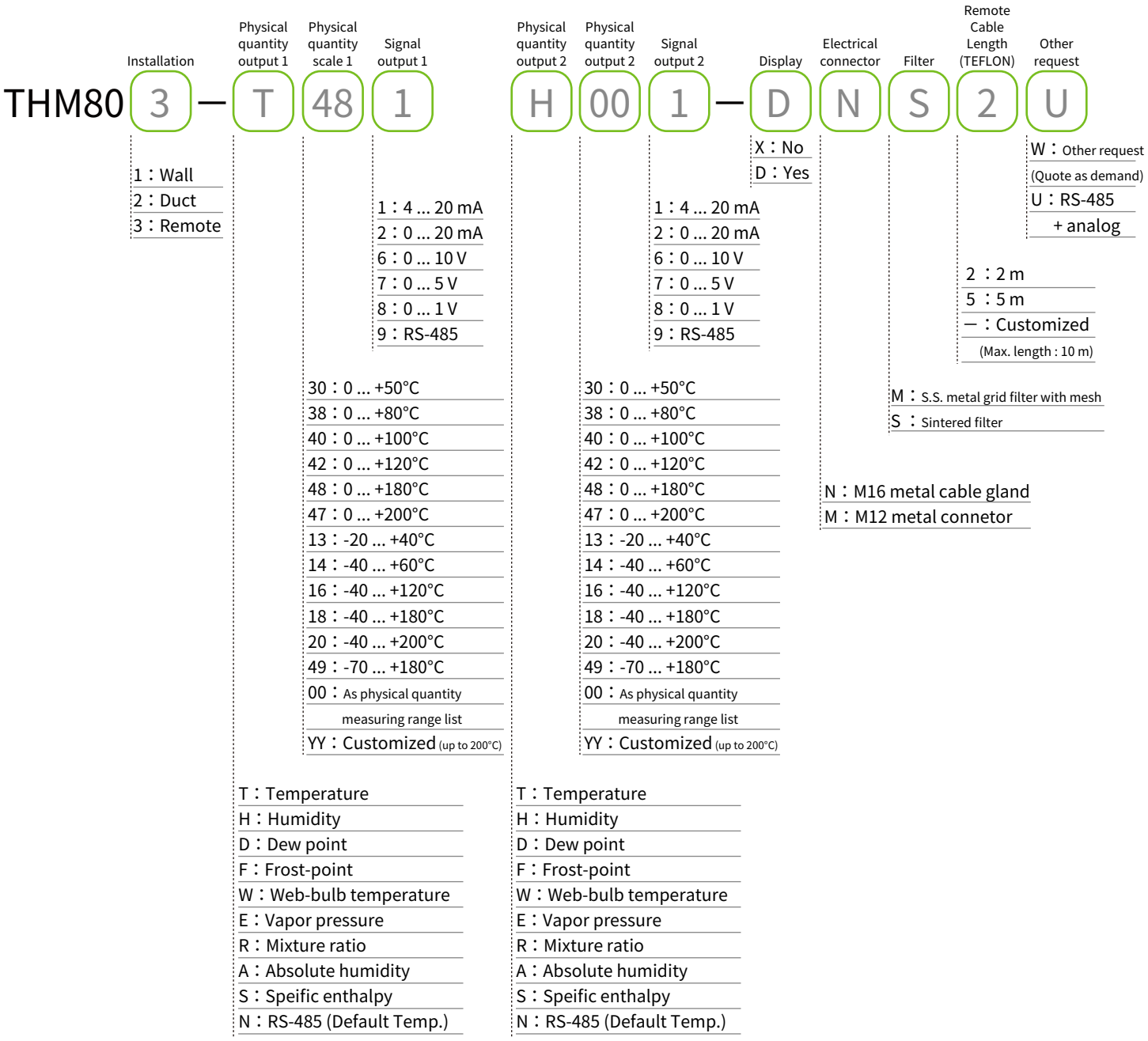
THM802 (Duct)



THM803 (Remote)



| Ordering Guide |



| Additional Option Test Report | For more detailed information please contact us.

■ILAC / TAF

YUDEN-TECH CO.,LTD. Calibration Laboratory - (ILAC / TAF) Test report.
(TAF accreditation：3032, complying with ISO / IEC 17025) TAF has mutual recognition arrangement with ILAC MRA

Project	Measurand level or range
Hygrometer	Temperature：0°C ... 69.5°C
	Humidity：10% ... 95%

Project	Measurand level or range
Dew point transmitter	≧ -80 dp°C ... ≦ 60 dp°C

■ISO 9001

Project	Measurand level or range
Temperature and Humidity	Temperature：0°C ... 200°C
	Humidity：0.1% ... 99.8%

Project	Measurand level or range
Dew point	≧ -95 dp°C ... ≦ 60 dp°C