

# Millimar N 1702 M / N 1704 M / N 1704 T / N 1704 U

## Module for Inductive Probes

### FEATURES

- Flexibly configurable RS-485 bus modules
- Powerful connection modules for evaluating measuring sensors (inductive/pneumatic)
- Synchronous data retrieval from multiple connected measuring probes
- Connection of N 1700 modules via USB interface to the smart, universal evaluation and configuration software Millimar Cockpit
- Connects all compatible probe types using one module
- Flexible and modular product combinations to tackle customer-specific measuring tasks
- Maximum theoretical bus data rate of 4189 values/s (depending on the number of connected channels)
- **Package contains:** instruction manual



### Application:

Smart and flexible combination of measuring modules and software for solving customer-specific measuring tasks.

### TECHNICAL DATA

Order no.		5331120	5331140	5331141	5331142
Product type		N 1702 M	N 1704 M	N 1704 T	N 1704 U
Storage temperature MAX	°C	60			
Resolution	µm	0.1			
Measuring range, inductive probe	µm	± 2000, ± 5000, ± 1000, ± 500			
Probe inputs		2	4		
Compatibility		Mahr, Mahr 1340, Mahr half-bridge, Mahr LVDT, Mahr VLDT	Mahr, Mahr half-bridge, Mahr LVDT, Mahr VLDT	Tesa	Marposs
Configuration		Millimar Cockpit Software			
Data transmission rate	Hz	4189			
Error limit		0.3 % (min. 0.2 µm)			
Temperature coefficient	µm/°C	0.02			
Data interface		RS485			
Energy supply		+ 5V from N 1700 Bus			
IP protection category		IP 42			

Order no.	Depth	Height	Width
	mm	mm	mm
5331120	66	54.8	77
5331140	66	54.8	116.5
5331141	66	54.8	116.5
5331142	66	54.8	116.5