

# Product information

## Module for inductive probes Millimar N 1704 U

### Product features

- Flexibly configurable RS485 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.



Item no.: **5331142**

### Technical data

<b>Current consumption</b>	180 mA
<b>Resolution <math>\mu\text{m}</math></b>	0,1
<b>Measuring range, inductive probe</b>	$\pm 5000, \pm 2000, \pm 1000, \pm 500$
<b>Probe inputs</b>	4
<b>Compatibility</b>	Marposs
<b>Configuration</b>	Millimar Cockpit Software
<b>Data transmission rate</b>	4189 Hz
<b>Error limit</b>	0,3 % (min. 0,2 $\mu\text{m}$ )
<b>Data interface</b>	RS-485
<b>Energy supply</b>	+ 5V from N 1700 Bus
<b>IP protection category</b>	IP 42
<b>Working temperature MIN</b>	10 °C
<b>Working temperature MAX</b>	35 °C
<b>Operating temperature from</b>	0 °C
<b>Operating temperature up to</b>	40 °C
<b>Temperature coefficient</b>	0.02 $\mu\text{m}/^{\circ}\text{C}$
<b>Product weight</b>	0.39 kg

### Accessories

Order no.	Designation	Product type
5323013	Inductive probe	P2004 U
5323023	Inductive probe	P2004 UA
5323033	Inductive probe	P2004 UB
5324023	Inductive probe	P2010 UA
5324033	Inductive probe	P2010 UB
5324073	Inductive probe	P2104 UA
5324083	Inductive probe	P2104 UB