

WTM SERIES

Weight Transmitter

WTM series is a fast and accurate weighing transmitter via its high-performance A/D converter. The transmitter is DIN rail and Flush mountable in a weighing panel or a cabinet, and provides various interfaces: RS-485, Analog output, External I/O, Ethernet.



WTM-500



WTM-200

Fast and accurate weighing

Various interfaces

Optimal structure for weighing panel installation

Fast and accurate weighing

Optimal structure for weighing panel installation



Various interfaces

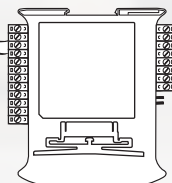
1	SIG -
2	SIG +
3	SEN -
4	SEN +
5	EX -
6	EX +
7	RS485 SW
8	Limit Register
9	RS 485+
10	RS 485-
11	V-OUT
12	I-OUT
13	COM

CAS

WTM-500

13	10-24VDC
14	GND
15	IN1
16	IN2
17	IN-COM
18	OUT1
19	OUT2
20	OUT3
21	OUT4
22	OUT-COM
23	RTS
24	-
25	GND
26	5V
27	-

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CAS

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WTM SERIES

Weight Transmitter



FEATURES

- Slim and small structure
- 7-segment 6-digits LED Display(height : 8mm)
- Easy setup by using 4keys(only for WTM-500/501)
- Easy setup of parameter and weighing data analysis via PC software
- Extractable terminal board
- High resolution 1/10,000
- High A/D conversion speed : 5 ~ 1,600 time/sec
- Theoretic calibration
- Multi point calibration
- Various interfaces
 - RS-485(Stream mode, 3Types Command Mode, MODBUS RTU)
 - External I/O(2 Inputs/4 Outputs) ; for WTM-201/501
 - Analog output(0~20mA, 0~24mA, 4~20mA, 0~5V, 0~10V, ±5V, ±10V) ; for WTM-201/501
 - Analog output(HART protocol, 0~20mA, 0~24mA, 4~20mA, 0~5V, 0~10V, ±5V, ±10V; Optional)
 - Ethernet(Optional)

Fast and accurate weighing

WTM provides high speed A/D conversion with excellent processing capabilities(5~1,600 times/sec), and its high resolution display creates 1/10,000 for all input range.

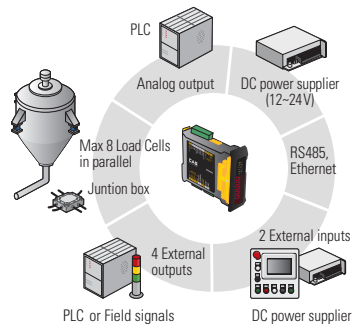
Optimal structure for installation in weighing panel

Small and slim structure of WTM offers a space saving structure; user's can enhance space utilization of weighing panels or cabinets. Also, it is mountable in DIN rail of back panel and front panel with mounting holders.



Various interfaces

Easy to be connected with other equipment through various interfaces.



SPECIFICATIONS

Model		WTM-200	WTM-201	WTM-500	WTM-501
Display		-	-	6-digit LED (Height : 8mm)	6-digit LED (Height : 8mm)
Key		-	-	4ea	4ea
Power		10 ~ 24VDC			
Excitation Voltage		5VDC			
External resolution(OIML)		1/10,000			
A/D converting speed		5 ~ 1,600 times / sec			
Load Cell connection		4-wire or 6-wire (Connection No. 8 at 350ohm)			
Calibration	Through PC software	○	○	○	○
	Through key			○	○
Operating Temperature		-10 ~ 40℃			
Interface	RS-485	○	○	○	○
	Analog Output (0~20mA, 0~24mA, 4~20mA, 0~10V, 0~5V, ±5V, ±10V)		○		○
	External I/O (In/Out : 2/4ea)		○		○
Product Size(W×D×H/mm)		103×126×40			
Options		External I/O, Analog output, Analog output(HART protocol) Alibi memory, Ethernet			

DIMENSIONS

