

## BTM

Sensor to check and measure tension on belts



More information



## BTM Sensor to measure tension on belts

The BTM's are plug & play sensors (factory adjusted) and are specially designed to measure belt tension. Its tightening system allows you to install and uninstall the sensors quickly and easily.

## Make the most out of your sensors

You can purchase these sensors in kit format. The use of these sensors together with the DELTA device makes this kit the perfect tool to measure and check the tension on belts.

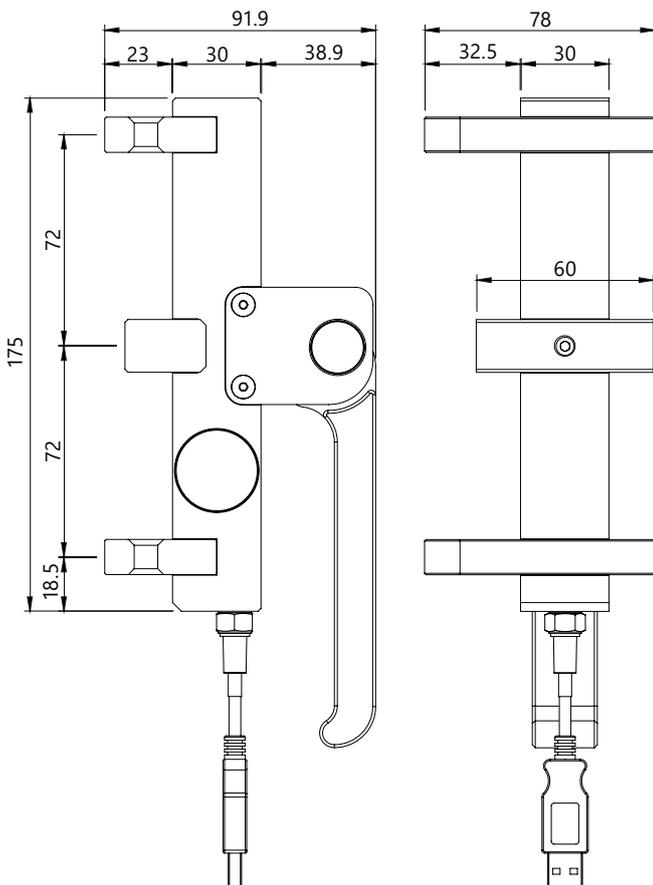




## Specifications

Parameter		Units	Specifications						
Model		-	BTM						
Features with a belt-tension measurement device	Nominal Load (N.L.)	kg	380	740	400	500	640	800	980
	Maximum workload	-	150%						
	Accuracy	-	1%						
Elevator belt characteristics	Minimum Breakage Load	kN	32	64	34	43	52	68	85
	Width	mm	30	60	25	30	36	38	48
	Thickness	mm	3		3.3			4.6	
Minimum recommended distance to belt terminal		cm	30						
Maximum excitation voltage		V	12						
Temperature range	Compensated	°C (°F)	-10 ... +40 (+14 ... +104)						
	Operating		-20 ... +60 (-4 ... +140)						
	Storage		-20 ... +70 (-4 ... +158)						
Min. Insulation resistance (V.Test = 100V)		GΩ	4						
Input resistance		Ω	350 ... 450						
Output resistance		Ω	350						
Load limit	Without characteristics loss	kg	1600						
	Standard length	mm	2						
Cable	Connector	-	USB						
	Material	-	Polyurethane (PU)						
	Material	-	Aluminum						
Sensor	Surface treatment	-	Anodized						
	Protection class	-	IP50						

## Dimensional drawings (mm) and wiring diagram





## Product Reference



Ref.	Model
018248	BTM

## Product Reference



Ref.	Quantity	
	BTM	DELTA 8S
021924	2	1
021923	3	
021922	4	
021921	5	

For more information

**[www.dinacell.com](http://www.dinacell.com)**

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