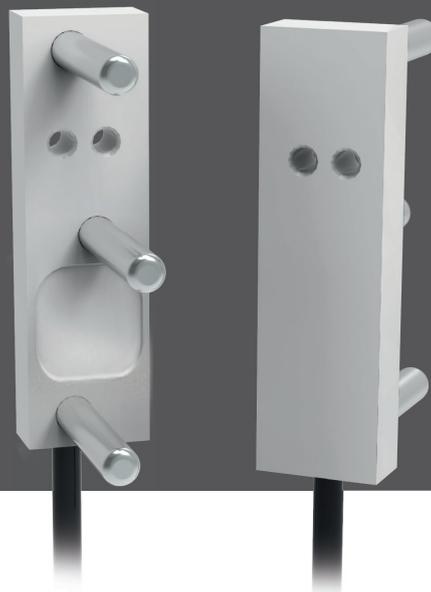


SWC

Individual weighing sensor,
designed and manufactured to
fit each type of belt



More information



SWC Belt loading sensor

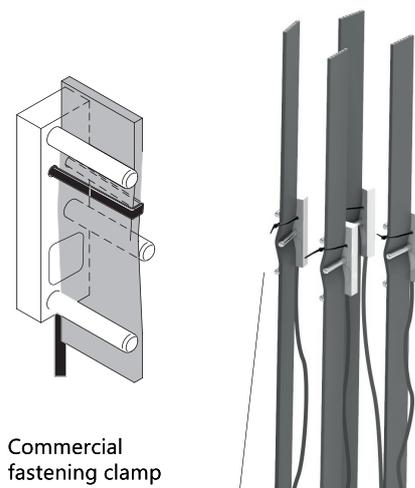
These sensors are individually installed on the elevator belts to measure the load supported on each belt. To cover the different sizes of the belts, we design and manufacture this sensor with customized measurements.

One of the most noteworthy features is the quick and easy installation, allowing it to be placed in finished installations. On the other hand, its design incorporates two holes to adapt a commercial clamp with which to keep the sensor attached to the belt.

For a complete installation

This type of sensors have an output with USB connector. This feature allows these sensors to be used with multi-input equipment, such as OMEGA equipments, and thus obtain individual information from each sensor.

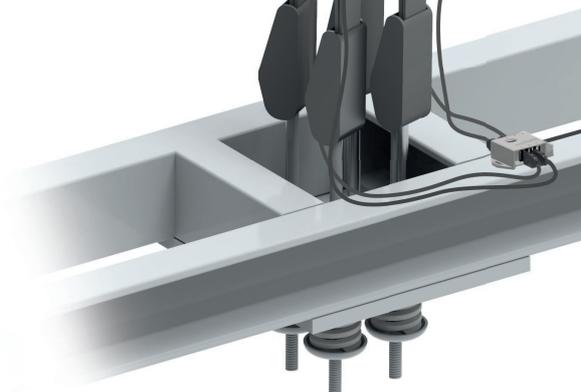
For installations that require connecting a set of sensors to a limiter with a single input, groups can be formed by attaching these sensors to an INTERFACE (1). These accessories offer connectorless or USB output, making them compatible with any computer, regardless of the input type of the limiter.



Commercial fastening clamp



(1) INTERFACE

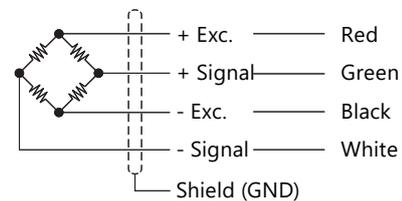
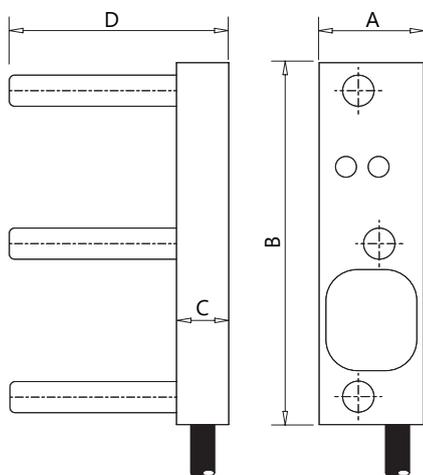




Specifications

Parameter		Units	Specifications		
Model		-	SWC-350	SWC-500	SWC-700
Nominal Load (N.L.) in relation to kN belt	32kN	kg	350	-	-
	34kN		-	500	-
	43kN		-	-	-
	64kN		-	-	700
Nominal Sensibility (N.S.)		mV/V	1.3 ... 2.0		
N.S. difference between sensors		%N.S.	2		
Accuracy		-	0.25%		
Zero balance		mV/V	± 0.20		
Maximum excitation voltage		V	12		
Minimum distance to the socket		cm	25		
Temperature range	Compensated	°C (°F)	-10 ... +40 (+14 ... +104)		
	Operating		-10 ... +60 (+14 ... +140)		
	Storage		-20 ... +70 (-4 ... +158)		
Min. Insulation resistance (V.Test = 100V)		GΩ	4		
Input resistance		Ω	350 ... 400 / 1000 ... 1100		
Output resistance		Ω	350 ± 1.5 / 1000 ± 3		
Load limit	Safe	%N.L.	120		
	Without characteristics loss		150		
Cable	Type	-	4 x 0.14mm ² Ø4.3		
	Termination	-	USB		
	Standard length	m	0.75 / 2		
	Material	-	Polyurethane (PU)		
	Sensor	Material	-	Aluminum	
	Surface treatment	-	Anodized		
Protection class		-	IP65		

Dimensional drawings (mm) and wiring diagram



	SWC-350	SWC-500	SWC-700
A	20		
B	69.8		93
C	10		
D	41.5		70

*Dimensions depending on the thickness and width of the belt

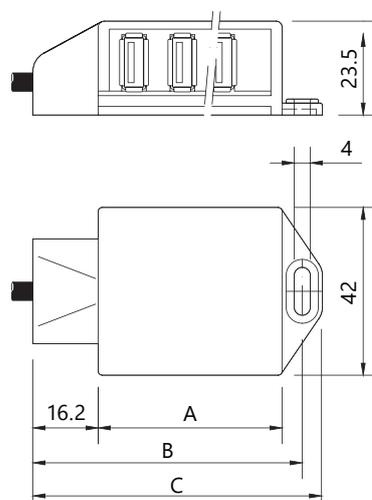


Product Reference



Model		SWC-350	SWC-500	SWC-700	
Ref.	Input resistance (350 ... 400)	0.75m	019614	015263	019615
		2m	023832	023833	023834
	Input resistance (1000 ... 1100)	0.75m	032143	032082	032083

Accessory: INTERFACE



Parameter	Units	Specifications			
Model	-	INTERFACE			
Temperature range	°C (°F)	-20 ... +60 (-4 ... +140)			
Casing material	-	Fireproof V0			
Protection class	-	IP50			
Cable type	-	4 x 0.22mm ² Ø4			
Standard length	m	5 + Ferrita			
USB Input	-	6		12	
Cable Output	-	USB	Wiring connection	USB	Wiring connection
Ref.	-	007555	007274	007554	007275

USB	Dimensions in mm		
	A	B	C
6	48	69	74
12	84	105	110

Accessories: Dinacell SW tool



Ref.	002558
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For more information

www.dinacell.com

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Management System
 ISO 9001:2015
 ISO 14001:2015



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PYME INNOVADORA



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