ILC-CAN

SENSOR INTELIGENTE PARA CABLES
INTELLIGENT WIRE ROPE SENSOR
INTELLIGENTER SEILLAST - SENSOR

CANopen

CANopen LIFT

ILC-CAN es un sensor multi-cable, que de una forma precisa y fácil controla la carga en un ascensor. El ILC-CAN dispone de comunicaciones CANopen standard, y su configuración y calibración es muy fácil para el usuario.

ILC-CAN is a multi-rope sensor which provides an easy and precise way to control the load in traction lifts. With the sensor output adapted to the CANopen communications standard, it can be calibrated and configured quickly and easily.

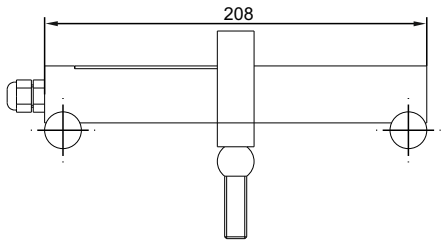
ILC-CAN ist ein Multi-Seil-Sensor, der sich mit einer Aufzugslast präzise und einfach verwalten lässt.ILC-CAN nutzt das CANopen-Kommunikations-Protokoll mit einer benutzerfreundlichen Kalibrierung und Konfiguration.

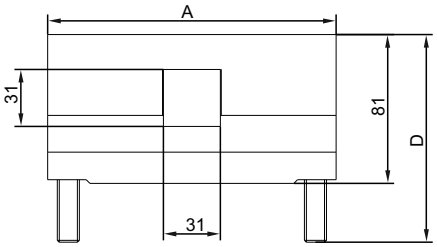
FEATURES

NMT	
	NMT Slave
ERROR Contol	
	Node Guarding
	HeartBeat Producer
	HeartBeat Consumer
Boot-up	
	Yes
Node ID Range	
	From 1 to 127
Node ID assignament	
	LSS-services
	Software Switch
CANopen bit-rates	
	10 kbit/s
	20 kbit/s
	50 kbit/s
	125 kbit/s
	250 kbit/s
	500 kbit/s
	800 kbit/s
	1000 kbit/s
Type of bit-rate adjustment	
	LSS-services
	Software switch
No. of PDO	
	No **RPDOs**
	1 **TPDOs**
PDO modes	
	Event-**triggered**
	Triggered by event-timer
	Remotely-requested
	Synchronous (cyclic)
	Synchronous (acyclic)
PDO linking	
	Yes
PDO mapping	
	Static
Emergency message	
	Producer: Yes
	Consumer: Yes
No. of SDO	
	1 Server
	No Client
Sync	
	Sync producer: No
	Sync counter: Yes
Time Stamp	
	No
Additional Functions	
	LSS slave
Supported application layer	
	Cia 301 v 4.2.3
Supported frameworks	
	CiA 305: Layer setting service (LSS) and protocols
Supported profiles	
	CiA 417: CANopen **application** profile for lift **control systems**

Características Eléctricas :	**Electrical Features :**	**Elektrische Daten :**	
Tensión de alimentación	Power Supply Voltage	Versorgungsspannung	24 Vdc
Características Mecánicas :	**Mechanical Features :**	**Mechanische Daten :**	
Capacidad de trabajo (RC)	Operating Capacity (RC)	Messbereich (RC)	3.500 Kg
Carga de máxima seguridad	Safe Load	Maximallast	150% RC
Carga máxima	Ultimate Overload	Grenzlast	200% RC
Flexión a máxima carga	Deflection at overload	Biegung bei Grenzlast	<0.5 mm
Histéresis	Hysteresis	Hysterese	<0.1% RC
Error total	Total Error	Gesamtfehler-Quote	<0.5% RC
Peso	Weight	Gewicht	2 Kg
Características Ambientales :	**Temperature Features :**	**Temperatur Daten :**	
Efecto Tª en señal de salida	Temp. effect on output	Temperatur-Effekt beim Ausgang	<+/- 0.01% / ºC
Efecto Tª en cero	Temp. effect on Zero	Nullpunktabweichung aufgrund von Temperaturschwankungen	<+/- 0.02% / RC
Rango de Tª de trabajo	Operating Temperature	Temperaturbereich	-10ºC / 50ºC

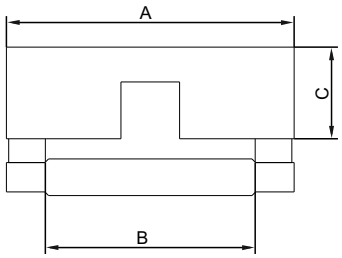
All dimensions in millimetres





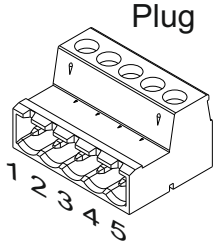
All dimensions in millimetres

	A	B	C	D
SIZE 1	97	55	50	113
SIZE 2	117	75	50	113
SIZE 3	157	115	50	113
SIZE 4	202	160	50	113
SIZE 5	230	188	70	133
SIZE 6	268	226	70	133



CONNECTORS:

Plug



SENSOR WIRING COLOURS

1	BLACK	CAN_GND
2	YELLOW	CAN_L
3	MESH	CAN_SHLD
4	GREEN	CAN_H
5	RED	CAN_V+

ILC-CAN INSTALLATION ON WIRE ROPES: