PRODUCTS OVERVIEW
INSTRUMENTATION

FORCE, TORQUE AND WEIGHING

	MODEL	DESCRIPTION	
	**INDI-PAXS** **DISP-PAXP** **DISP-PAXD** **DISP-PAXDP**	Intelligent and programmable panel meter - 5 digits 14 mm height - 16 points scaling for linearization - Power supply 85..250 VAC or 24 VAC and 10..36 VDC Options: - 0..10 V or 4(0)..20 mA analog output - 2 or 4 set-points with relays outputs - RS-232 digital output - RS-485 digital output - Fieldbus digital output Explosion proof version available on request: - INDI-PAXS-Exd (IIB / IIC) - INDI-PAXS-24-Exd (IIB / IIC) - DISP-PAXP-Exd (IIB / IIC) - DISP-PAXP-24-Exd (IIB / IIC) - DISP-PAXD-Exd (IIB / IIC) - DISP-PAXDP-Exd (IIB / IIC) - DISP-PAXDP-24-Exd (IIB / IIC)	Input signal : - Wheatstone bridge (mV/V) Input signal : - 4(0)..20 mA, 0..10 V Input signals : - 0.2 mA..2 A - 200 mV..300 VDC Input signals : - Dual 4(0)..20 mA or 0..10 VDC - Math function of the 2 inputs

	MODEL	DESCRIPTION	
	**INDI-MAXS** **DISP-MAXP** **DISP-MAXD**	Universal panel meters with large display to be used with transducer and process signal - 5 digits 38 mm height - 16 points scaling for linearization - Power supply 85..250 VAC or 24 VAC and 10..36 VDC Options: - 0..10 V or 4(0)..20 mA analog output - 2 or 4 set-points with relays outputs - RS-232 digital output - RS-485 digital output - Fieldbus digital output	Input signal : - Wheatstone bridge (mV/V) Input signal : - 4(0)..20 mA, 0..10 V Input signals : - 0.2 mA..2 A - 200 mV..300 VDC

	MODEL	DESCRIPTION	
	**INDI-PAX2S** **DISP-PAX2A**	Panel meters with dual line display 6 digits (18 mm) and 9 digits (8.9 mm) for Wheatstone bridge sensors or electrical analog measurements. Universal power supply (AC/DC) Options : - 0..10 V or 4(0)..20 mA analog output - 2 or 4 set-points with relays outputs - RS-232 digital output - RS-485 digital output - Fieldbus digital output	Input signal : - Wheatstone bridge (mV/V) Input signals : - 0.2 mA..2 A - 200 mV..300 VDC

	MODEL	DESCRIPTION
	**DISP-60k**	Display for rotary torque sensor 1 torque sensor input (0...10 V) 1 angle encoder input or speed sensor input USB output (Windows compatible software) SD card slot 2 relays output

	MODEL	DESCRIPTION
	**COND-SGA**	Conditioner- amplifier for Wheatstone bridge (mV/V) Power supply : 18..24 VDC or 115/230 VAC Available outputs : - 4(0)..20 mA source or drain - 0..10 V, -10..0..+10 V

PRODUCTS OVERVIEW
INSTRUMENTATION

FORCE, TORQUE AND WEIGHING

	MODEL	DESCRIPTION	
	**COND-A420**	Conditioner- amplifier for Wheatstone bridge (mV/V) Power supply: 115/230 VAC Available outputs : - 4(0)..20 mA source - 0..10 V	Explosion proof version available on request: - COND-A420-Exd (IIB / IIC)

	MODEL	DESCRIPTION
	**COND-USB**	Conditionner – amplifier for Wheatstone bridge (mV/V) with USB digital output (plug and play)

	MODEL	DESCRIPTION
	**CONV-UI**	Measurement transmitter to convert any not normalised DC voltage or current signal into a normalized signal With galvanic insulation

	MODEL	DESCRIPTION
	**JBOX-4**	Junction box for weighing systems Up to 4 load cells Protection class : IP66 Polycarbonate enclosure

	MODEL	DESCRIPTION	
	**JBOX-AJB-4**	Junction box for weighing systems Protection class : IP67 Stainless steel enclosure With corner adjustment	Up to 4 load cells
	JBOX-AJB-6		Up to 6 load cells

	MODEL	DESCRIPTION
	**INDI-5250**	Very high accuracy digital indicator designed for legal for trade or high accuracy weighing applications 10.000 d approved 6 digits display Explosion proof version available on request: - INDI-5250-EXd (IIB/IIC)

	MODEL	DESCRIPTION
	**INDI-PSD**	Handheld indicator for Wheatstone bridge (mV/V) 7 digit LCD display Tare, hold, peek, through and resistor calibration by front keys

	MODEL	DESCRIPTION	
	**WI-T24e-ACM**	Radio transmitter for analog signal : mV/V, 4..20 mA or 0..10 V High accuracy High resolution	Range : up to 800 m Dimensions : 164 x 84 x 57 mm Protection class : IP67
	WI-T24e-ACMi		Range : up to 800 m Dimensions : 80 x 62 x 34 mm Protection class : IP67
	WI-T24e-ACMm		Range : up to 500 m Dimensions : 76 x 35 x 20 mm Protection class : IP50

PRODUCTS OVERVIEW
INSTRUMENTATION

FORCE, TORQUE AND WEIGHING

MODEL	DESCRIPTION	
WI-T24r-HS	Handheld indicator displaying the data transmitted by a sensor equipped with a radio transmitter Range : 800 m open field High accuracy High resolution : 7 digits	Display single channel
WI-T24r-HA		Display each channel and the sum of a selection of several channels
WI-T24r-HR		Unlimited (Roaming)

MODEL	DESCRIPTION	
WI-T24r-AO1	Radio receiver providing an analog signal transmitted by the WI-T24e-ACM range <u>Output signal</u>: - Voltage : 0..5 V, 0..10 V, -5..0..+5 V, -10..0..+10 V - Current : 4..20 mA, 0..20 mA source and sink	Range : up to 100 m Dimensions : 146 x 88 x 25 mm Protection class : IP50
WI-T24r-AO1i		Range : up to 800 m Dimensions : 164 x 84 x 57 mm Protection class : IP67

MODEL	DESCRIPTION	
WI-T24r-BSi	Radio receiver providing a digital signal transmitted by the WI-T24e-ACM range	Output: USB, RS-232 or RS-485 Range: up to 800 m Dimensions: 164 x 84 x 57 mm Protection: IP67
WI-T24r-BSu		Output: USB Range: up to 500 m Dimensions: 76 x 35 x 20 mm Protection: IP50
WI-T24r-BSue		Output: USB Range: up to 800 m Dimensions: 80 x 62 x 34 mm Protection: IP67
WI-T24r-SO		Output: RS-232, RS-485 Range: up to 800 m Dimensions: 164 x 84 x 57 mm

MODEL	DESCRIPTION
WI-DXBe-9NS-Exi	Texte à venir

MODEL	DESCRIPTION
WI-DXBr-PAXP	Texte à venir

PRODUCTS OVERVIEW
INSTRUMENTATION

STANDARD REFERENCE INDICATORS

MODEL	DESCRIPTION
INDI-00	Class 1 and 05 High accuracy indicator for standard reference force transducers (ISO 376) RS-232 or RS-485 Output

MODEL	DESCRIPTION
INDI-ISO376	Class 00 High accuracy indicator for standard reference force transducers (ISO 376) RS-232 or RS-485 output MODBUS RTU Protocol

MODEL	DESCRIPTION
INDI-12390	Digital indicators for 3115-12390 reference force transducers (EN-12390-4) With 4 digital indicators (5 digits) Option : RS-232, RS-485, USB outputs

CRANE OVERLOAD PROTECTION

MODEL	DESCRIPTION
BRIDGE-BOY	Economical analogic crane overload protection electronics with 1 or 3 set-points Din rail mounting Power supply : 45, 115 or 240 VAC

MODEL	DESCRIPTION	
INDI-BOY **INDI-BOY24**	Intelligent and programmable crane overload protection electronics - To be mounted in existing cabinet (no housing delivered) - 3 set-points with relay (3 A) - Display 5 digits 14 mm height - 16 points scaling for linearization - Power supply 85..250 VAC (INDI-xx or DISP-xx) or 24 VAC and 10..36 VDC (INDI-xx24 or DISP-xx24) <u>Options :</u> - 0..10 V or 4..20 mA analog output - RS-232 digital output - RS-485 digital output - Fieldbus output digital output	<u>Input signal :</u> Wheatstone bridge (mV/V)
DISP-BOYP **DISP-BOYP24**		<u>Input signal :</u> 4..20 mA amplified signal
DISP-BOYDP **DISP-BOYDP24**		<u>Input signals :</u> dual 4..20 mA with math function of both inputs
DISP-SUMD **DISP-SUMD24**		0.. 200 mA from 4 (0) 20 mA outputs for sum limitation

MODEL	DESCRIPTION	
CRANE-BOY **CRANE-BOY24**	Intelligent and programmable crane overload protection electronics - Protection class : IP54 - Metal housing - 3 set-points with relay (3 A) - Display 5 digits 14 mm height - 16 points scaling for linearization - Power supply 85..250 VAC (CRANE-xx) or 24 VAC and 10..36 VDC (CRANE-xx24) <u>Options :</u> - 0..10 V or 4(0)..20 mA analog output - 2 or 4 set-points met relays outputs - RS-232 digital output - RS-485 digital output - Fieldbus digital output - Protection class IP65	<u>Input signal :</u> Wheatstone bridge (mV/V)
CRANE-BOYP **CRANE-BOYP24**		<u>Input signal :</u> 4..20 mA amplified signal
CRANE-BOYDP **CRANE-BOYDP24**		<u>Input signals :</u> dual 4..20 mA with math function of the 2 inputs
CRANE-SUMD **CRANE-SUMD24**		0.. 200 mA from 4 (0) 20 mA outputs for sum limitation

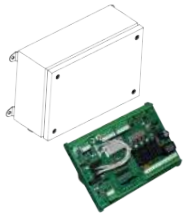
CRANE OVERLOAD PROTECTION

	MODEL	DESCRIPTION
	**CRANE-BOY-Exd** **CRANE-BOY24-Exd**	Corresponds to INDI-BOY, DISP-BOYP or DISP-BOYDP mounted in an explosion proof housing Power supply 85 ...250 VAC Ready to be connected with Exi load cells
	CRANE-BOY-Exd-5050 **CRANE-BOY24-Exd-5050**	Texte à venir Ready to be connected with Exd load cells

	MODEL	DESCRIPTION
	**CABIN-2xB1SUMD**	Crane overload protection electronics system for 2 hoisting devices and their sum Contains 2 x INDI-BOY's or 2 x DISP-BOYP's connected with 1 x DISP-SUMD Explosion proof version available on request: CABIN-2xB1SUMD-Exd (IIB / IIC)

	MODEL	DESCRIPTION
	**CABIN-4xB1SUMD**	Crane overload protection electronics system for 4 hoisting devices and their sum Contains 4 x INDI-BOY's or 4 x DISP-BOYP's connected with 1 x DISP-SUMD Explosion proof version available on request: CABIN-4xB1SUMD-Exd (IIB / IIC)

	MODEL	DESCRIPTION
	**JBOX-LCI**	Smart junction box with monitoring load cells integrity Up to 4 load cells (mV/V)

	MODEL	DESCRIPTION
	**SAFETY-BOY**	Overload protection electronics for hoisting devices with certification for performance level PL d according to EN ISO 13849-1 - 2 redundant channels with constantly comparing of both signals - Easy calibration by push buttons and display - Display of hoisted loads and input signals - Internal monitoring system of the integrity of the load cells with continuous comparison of both channels and internal watchdog of the electronics - DIN rail mount Options: - IP65 housing - Analogue output 4..20 mA - Power supply: 48, 110 or 230 VAC

	MODEL	DESCRIPTION
	**COACH-II**	Data recording and management system for EOT cranes - Up, down, short and long movements recording - Hoisted loads recording - Safe Working Period (SWP) calculation Explosion proof version available on request: COACH-II-IP65-Exd (IIB / IIC)

PRODUCTS OVERVIEW
INSTRUMENTATION

CRANE OVERLOAD PROTECTION

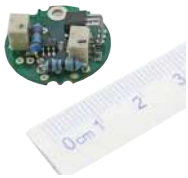
	MODEL	DESCRIPTION
	**DISP-F**	Large digital display Quantity of digits : 4 or 6 Height of digits : 57, 102, 150, 200, 300 or 400 mm Analog input : 0..10 V or 4(0)..20 mA

	MODEL	DESCRIPTION	
	**SPREADER-BOY**	Container weighing electronics 4 or 8 analog inputs (4..20 mA) 4 digital inputs 2 relay outputs Data logging (128 MB)	Analog output Ethernet interface <u>Options :</u> RS-485 - Profibus output

TENSIOMETERS

	MODEL	DESCRIPTION	
	**DISP-RLT**	Indicator for running line tensiometer displaying : - Force - Speed - Payout Data transmission RS-232	<u>Options :</u> - Data transmission RS-485 or Profibus - Data logging

OPTIONS FOR TRANSDUCERS

	MODEL	DESCRIPTION
	**AMPLIFIER OPTION**	Amplified output signals 4..20 mA, 0..10 V Integrated in the transducer or mounted on the cable

	MODEL	DESCRIPTION
	**DIGITAL OPTION**	Digital outputs signals RS-232, RS-485, Fieldbus Can be integrated in the transducer or mounted on the cable

	MODEL	DESCRIPTION	
	**OPTION CARDS**	<u>Communication cards :</u> - RS-485 - RS-232C - DeviceNet - Modbus - Profibus-DP <u>Analog output card :</u> - Analog output <u>Relay cards :</u> - 2 or 4 set points	<u>Available for models :</u> - INDI-PAXS DISP-PAX - INDI-MAXS DISP-MAX - INDI-PAX2S DISP-PAX2A - DISP-PAXDP - CRANE-BOY CRANE-BOYP - INDI-BOY DISP-BOYP - CRANE-SUMD DISP-SUMD - CRANE-BOYDP DISP-BOYDP - CABIN-2xB1SUMD - CABIN-4xB1SUMD