

Modular Weighing for Automation

Connect Smart Sensors to Systems



Boost Machine Performance

With ultra-fast processing connected to the world's most widely used PLCs/DCS, the IND360 indicator boosts productivity and increases operational uptime. Condition monitoring and Smart5™ alarming ensure your system is performing as expected and lets you react quickly when issues arise.



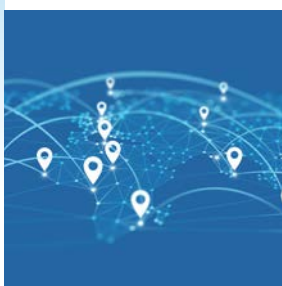
Simplify Integration

IND360 is the smartest way to integrate weighing. For ease of use, indicators use certified automation interfaces and include sample-programming code. Detailed documentation and automation drivers save you time and money on implementation and maintenance. OPC UA facilitates integration into PC/Server/MES systems via industry standards.



Eliminate Programming Time

Preprogrammed applications for semi- or fully automated weighing processes including tank/vessel weighing, filling/dosing and dynamic weighing, allow you to benefit from METTLER TOLEDO's automation weighing expertise. You improve process throughput without spending time on custom programming.



Make Compliance Worry-Free

The IND360 product family is certified compliant with both international and local standards enabling streamlined procurement, faster implementation, and more efficient cross-border startup without the usual headaches associated with exporting equipment.



IND360base Automation Indicators

Optimize Weighing Integration

IND360base automation indicators deliver precision measurement and status information to your control system. This gives you the ability to easily and efficiently manage your weighing applications, boost throughput and save time and materials.

IND360 includes the following key features:

- Up to 960 Hz ultra-high cyclical PLC update rate
- Up to 7 simultaneous floating point variables
- Automation Interfaces: PROFINET, Profibus DP, EtherNet/IP, EtherCAT, CC-Link IE Field Basic, Modbus RTU/TCP and 4–20 mA/0–10 V/0–5 VDC
- Smart Factory IIoT Protocols: OPC-UA
- Operator display and network status LEDs, web interface for service and monitoring
- CalFree™ and CalFree Plus™, as well as automatic PLC/DCS-driven calibration of precision scales
- Low-latency ClearWeight™ filters

METTLER TOLEDO

Technical Features

IND360 Automation Indicator

Parameter	Detail	Units of Measurement	DIN	Panel	Harsh
Housing	Enclosure type	–	DIN-Rail mount, quick connection with automatic grounding	Panel mount with detachable electronics	VESA 100 desk/wall/column mount
	Material	–	Rugged ABS plastic	Stainless steel front panel with hygienic drip edge including mounting hardware	Stainless steel Li-Battery enclosure is optimized for Li-Battery manufacturing and contains less than 1% Cu and Zn.
	Ingress protection	–	IP20, Type 1	IP65 display, IP20 electronics, NEMA 4X test report	IP66 and IP69K, NEMA 4X test report
	W×H×D	mm/in	40×130×100/ 1.6×5.1×3.9	175×94×16/ 6.9×3.7×0.6	275×85×200/ 10.8×3.3×7.9
	Shipping weight	kg/lb	0.5/1.1	1.7/3.7	3.6/7.9
	Legal for Trade	°C/°F	–10 to 40/ 14 to 104; 10% to 90% relative humidity, non-condensing		
	Operation	°C/°F	–10 to 50/ 14 to 122; 10% to 90% relative humidity, non-condensing		
	Storage	°C/°F	–40 to 60/ –40 to 140; 10% to 90% relative humidity, non-condensing		
Power Requirements	DC powered	VDC/W	20–28 VDC ¹ / 12 W ²		
		–	¹ Power supply short circuit protection time shall be equal or longer than 100 ms. ² 18 W, when 5 to 8 POWERCELLs are connected		
	AC powered	VAC/Hz	NA	100–240 VAC/49–61 Hz	
Power Dissipation	DC powered	W	3	4.5	4.5
	AC powered	W	NA	6	6
Scale	Number of scales	–	1		
	Strain gauge (analog) type	–	Max. 8×350 Ω (20×1,000 Ω) load cells; 1–4 mV/V sensitivity; 5 VDC excitation voltage		
	MultiACM (analog) type ¹⁾	–	Max. 4×350 Ω or 4×1,000 Ω load cells; 1–4 mV/V sensitivity; 5 VDC excitation voltage		
	µV build recommended/approved	–	0.1 µV/d recommended; 0.3 µV/e Weights and Measures approved		
	POWERCELL® type	–	Supports one PowerDeck™ floor scale ³ or a network of up to 8 POWERCELL® load cells, or PowerMount™ weigh modules		
	Precision type	–	Precision scales and weigh modules – see “Precision Scale Compatibility”		
	Adjustment/calibration	–	Zero/span with linearization up to 5 points; step; CalFree (analog or MultiACM scale)/CalFree Plus (POWERCELL® scale)		
	Primary unit	–	Analog/MultiACM/POWERCELL®: g, kg, lb, t and ton Precision: Determined by scale or weigh module		
	Calibration unit	–	Analog/MultiACM/POWERCELL®: g, kg, lb, t and ton Precision: Determined by scale or sensor		
	Capacity & increment	–	Analog/MultiACM/POWERCELL®: 1,000,000 maximum Capacity, maximum 100,000 display increments Precision: Determined by scale or sensor		
Connectivity	Automation interface (optional)	–	– Industrial Ethernet: EtherNet/IP, PROFINET, EtherCAT, CC-Link IE Field Basic, Modbus TCP – Profibus DP, Modbus RTU, Analog Output (4–20 mA/0–10 VDC, 16-bit resolution) – OPC UA ²⁾ : weight and status, device information, commands e.g. zero and tare – REST API ²⁾ (preview version): weight and status, device information		
	Redundancy	–	Media Redundancy Protocol (MRP – Siemens) and Device Level Ring (DLR – ODVA) Profinet S2 System Redundancy		
	Protocol	–	Standard Automation Interface (SAI) 2 and 8 block format		
	Protocol type	–	Floating point and binary; cyclical or acyclical		
	Simultaneous floating point variables	–	1 or 7 user-selectable including status block for condition monitoring		
	Alarm status	–	Smart5™ based on NAMUR NE107		
	Condition monitoring	–	Heartbeat, Data OK, Smart5™, motion		
	Automation Bus drivers – Siemens	–	GSD (Profibus DP), GSDML (PROFINET), function block		
	Certification Profibus DP/PROFINET	–	Profibus international Certificate No: Z02266, Z13050, Z13051		
		–			

¹⁾ MultiACM versions provide up to 4 individual analog load cell weight and better condition monitoring. The junction box (30927827) and home-run cable (30938832, 30938833 or 30938834) must be ordered separately. Standard analog junction boxes and home-run cables are not compatible.

²⁾ Authentication supported

³⁾ PowerDeck multi-range is not supported, only single range

Technical Features

IND360 Automation Indicator

Parameter	Detail	Units of Measurement	DIN	Panel	Harsh
Connectivity	Automation device drivers ODVA/Rockwell	–	Electronic Data Sheet (EDS), Custom Add-on Profile (AOP), Custom Add-on Instruction (AOI)		
	Certification EtherNet/IP	–	Open Device Vendors Association (ODVA) File Number: 12095.01		
	Automation Bus drivers – Beckhoff	–	EtherCAT Slave Information (ESI)		
	Certification EtherCAT	–	EtherCAT Technology Group (ETG): Number 0x7A7_001 for DIN and Panel versions		
	Automation Bus drivers – Mitsubishi	–	Control & Communication System Profile Plus (CSP+)		
	Certification CC-Link IE Field Basic	–	CC-Link Partner Association (CLPA) Reference Number: NTC-SL-00032, NTC-IFB-00036		
Service Interfaces	Service interfaces	–	Web interface over Ethernet TCP/IP and/or keypad and display		
	Service functions	–	Configuration, adjustment, parameter backup and restore, cloning and monitoring		
A/D conversion rate	Strain gauge (analog and MultiACM) only	Hz	960 Hz (analog) 800 Hz (MultiACM)		
Automation Bus Update Rate	Strain gauge (analog and MultiACM)	Hz	960 for PROFINET, EtherNet/IP, Profibus DP, EtherCAT, CC-Link IE Field Basic without application (analog) 800 for PROFINET, EtherNet/IP, Profibus DP, EtherCAT, CC-Link IE Field Basic without application (MultiACM) 480 for PROFINET, EtherNet/IP, Profibus DP, EtherCAT, CC-Link IE Field Basic with application 100 for analog output, Modbus TCP and Modbus RTU		
	POWERCELL®/PowerMount™/PowerDeck™		100 for 1–4 load cells; 50 for 5–8 load cells over all automation interfaces		
	Precision		Maximum 92 Hz over all automation interfaces		
	Clear-Weight™ Filtering	Strain gauge (analog and MultiACM)	Weighing Mode	Normal, dynamic	
Environment			Very stable, stable, standard, unstable, very unstable		
Limit Frequency			Low pass filter, 1–20 Hz		
Notch Filter			Use built-in FFT analysis tool to select specific frequency to filter to minimize disturbances from mixers and mechanical resonance		
POWERCELL®/PowerMount/PowerDeck		Low Pass Filter	Very light, light, medium, heavy		
		Stability Filter	Enable, disable		
		Notch Filter	Use built-in FFT analysis tool to select specific frequency to filter to minimize disturbances from mixers and mechanical resonance		
Precision scales and weigh modules		–	Filter type and settings depending on scale or weigh module		
Inputs/Outputs	Optional inputs (selectable polarity)	–	Max. 5 inputs – functions: none, clear tare, tare, zero, print. Voltage range high: 5 ~ 30 VDC; voltage range low 0 ~ 3 VDC		
	Optional Outputs	–	Max. 8 outputs - functions: none, center of zero, comparators (1–8), Smart5 red, Smart5 orange, motion, net, over capacity, under zero. Voltage range high: 5 ~ 30 VDC, max current 150 mA		
Display	Type	–	1.04" Green OLED ⁴⁾	4.3" Color TFT	
	On-display status Indicators	–	Weight units, gross/net indication; graphic symbols for motion, center of zero, Smart5 alarms.		
	Tri-color status LEDs	–	System (SYS), Network 1 (NW1), Network 2 (NW2)	Status information displayed on main display	
	Weight display	Characters	Maximum 9 digits including sign, displays 8 weight digits on high-precision devices		
Keyboard	Keys	–	4 keys (Up, Down, Left, Enter) ⁵⁾	5 keys (Up, Down, Left, Right, Enter)	
	Overlay	–	0.9 mm thick polyester overlay (PET) with 0.178 mm thick polycarbonate display lens	0.9 mm thick polyester overlay (PET) with 0.178 mm thick polycarbonate display lens	
User Security	–	–	3 levels: administrator, maintenance and operator		
Logs	Alibi	–	27,000 records		
	Error log	–	500 records		
	Maintenance log	–	2,500 records		
	Change log	–	2,500 records		

⁴⁾ IND360 MultiACM DIN enclosure does not include a local display.

⁵⁾ IND360 MultiACM DIN enclosure does not include keyboard.

Technical Features

IND360 Automation Indicator

Application Packages

Dedicated application packages are available for tank weighing and inventory control (Tank/Vessel), gravimetric filling and dosing (Fill/Dose), in-motion and static dynamic weighing (Dynamic), and material flow control (RateControl). The table below indicates the availability of shared features.

Functions	IND360base	Advanced-Base	Tank/Vessel	Fill/dose	Dynamic	Rate Control
Scale technology Analog (AN), MultiACM (ACM), POWERCELL (PC), Precision (PR)	AN, ACM, PC, PR	AN, PC, PR, ACM	AN, ACM, PC, PR	AN, PC, PR, ACM	AN, ACM	AN, ACM, PC, PR
Automation connectivity Industrial Ethernet (EtherNet/IP, PROFINET, EtherCAT, CC-Link IE Field Basic, Modbus TCP), Profibus DP, Modbus RTU, Analog Output (4–20 mA/0–10 VDC, 16-bit resolution) OPC UA, REST API (preview version)	All	All	All	All	All	All
64 bit weight When connecting precision scales, possible to deliver 64 bit (instead of 32 bit) floating point weight value to PLCs using PROFINET and EtherNet/IP	No	Yes	No	No	No	No
I/O control from PLC Enables PLCs to control the I/O of IND360 via automation interface	No	Yes	Yes	Yes	Yes	Yes
Stealth mode Hide weight on the display	No	Yes	Yes	Yes	Yes	Yes
Flow rate calculation Calculate flow rate and provide as a PLC variable	No	Yes	Yes	Yes	No	Yes
Moisture Analyzer Support Connect moisture analyzers to IND360	No	Yes	No	No	No	No
Lab balance support Connect lab balances to IND360	Yes	Yes	Yes	Yes	No	No

Safety and Metrology

Parameter	Detail	DIN	Panel	Harsh
Approvals	Product safety	UL, cUL (Listing: Harsh AC Version; Recognition: other versions), CE, FCC, CB		
	Hazardous	Zone 2/22, Division 2. Details see below. Use barrier ISB05 for Zone 1 applications.		
	Metrology approval	IND360 Analog, IND360 MultiACM™, and IND360 POWERCELL®		
		Europe: Class Ⅲ, T11060 TC11949 USA: Class III/III L n max. 10,000 CC No. 21-002 Canada: Class III/III HD n max. 10,000 AM-6161 China: Class Ⅲ n max. 10,000		
		IND360 Precision: Europe: Ⅱ T11060, TC11949 USA: Class II/III/III L n max. 100,000/10,000 CC No. 21-002 Canada: Class II/III/III HD n max. 100,000/10,000 AM-6161		
Additional certifications may be found at www.mt.com/compliance				

Hazardous Approvals Analog (MultiACM version not included)

	DIN – Analog version	Harsh – Analog version
IECEx	Ex ec [ic] IIB Gc	Ex ec [ic] IIB T4 Gc
	–	Ex tc IIIC T80°C Dc
	Ta = –10°C...+40°C	Ta = –10°C...+40°C, IP65
	IECEx FMG 22.0002U	IECEx FMG 22.0001X
ATEX & UKCA	II 3 G Ex ec [ic] IIB Gc	II 3 G Ex ec [ic] IIB T4 Gc
	–	II 3 D Ex tc IIIC T80°C Dc
	Ta = –10°C...+40°C	Ta = –10°C...+40°C, IP65
	FM22ATEX0002U; FM22UKEX0002U	FM22ATEX0001X; FM22UKEX0001X
FMus	NI/1/2/CD	NI/I, II, III/2/CDFG T4
	ANI/I, II, III/2/CDFG NIFW	ANI/I, II, III/2/CDFG NIFW
	I/2/AEx ec [ic] IIB Gc ENTITY	I/2/AEx ec [ic] IIB T4 Gc ENTITY
	–	II, III/22/AEx tc IIIC T80°C Dc
	Ta = –10°C...+40°C	Ta = –10°C...+40°C, IP65
	FM22US0002U	FM22US0001X

Technical Features

IND360 Automation Indicator

	DIN – Analog version	Harsh – Analog version
FMc	NI/I/2/CD	NI/I, II, III/2/CDFG T4
	ANI/I, II, III/2/CDFG NIFW	ANI/I, II, III/2/CDFG NIFW
	2/Ex ec [ic] IIB Gc ENTITY	2/Ex ec [ic] IIB T4 Gc ENTITY
	–	22/Ex tc IIIC T80°C Dc
	Ta= –10°C...+40°C	Ta= –10°C...+40°C, IP65
	FM22CA0002U	FM22CA0001X

Hazardous Approvals POWERCELL

	DIN – POWERCELL version	Harsh – POWERCELL version
IECEx	Ex ec IIB Gc	Ex ec IIB T4 Gc
	–	Ex tc IIIC T80°C Dc
	Ta= –10°C...+40°C	Ta= –10°C...+40°C, IP65
	IECEx FMG 22.0002U	IECEx FMG 22.0001X
ATEX&UKCA	II 3 G Ex ec IIB Gc	II 3 G Ex ec IIB T4 Gc
	–	II 3 D Ex tc IIIC T80°C Dc
	Ta= –10°C...+40°C	Ta= –10°C...+40°C, IP65
	FM22ATEX0002U; FM22UKEX0002U	FM22ATEX0001X; FM22UKEX0001X
FMus	NI/I/2/CD	NI/I, II, III/2/CDFG T4
	–	–
	I/2/AEx ec IIB Gc	I/2/AEx ec IIB T4 Gc
	–	II, III/22/AEx tc IIIC T80°C Dc
	Ta= –10°C...+40°C	Ta= –10°C...+40°C, IP65
	FM22US0002U	FM22US0001X
FMc	NI/I/2/CD	NI/I, II, III/2/CDFG T4
	–	–
	2/Ex ec IIB Gc	2/Ex ec IIB T4 Gc
	–	22/Ex tc IIIC T80°C Dc
	Ta= –10°C...+40°C	Ta= –10°C...+40°C, IP65
	FM22CA0002U	FM22CA0001X

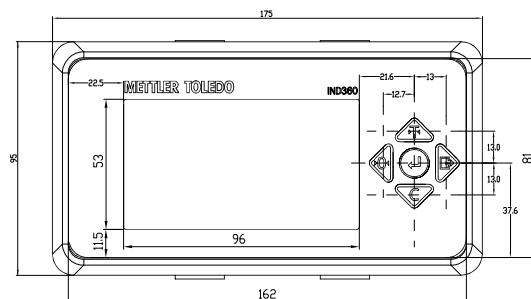
Hazardous Approvals Precision

	DIN – Precision version	Harsh – Precision version
IECEx	Ex ec IIC Gc	Ex ec IIC T4 Gc
	–	Ex tc IIIC T80°C Dc
	Ta= –10°C...+40°C	Ta= –10°C...+40°C, IP65
	IECEx FMG 22.0002U	IECEx FMG 22.0001X
ATEX&UKCA	II 3 G Ex ec IIC Gc	II 3 G Ex ec IIC T4 Gc
	–	II 3 D Ex tc IIIC T80°C Dc
	Ta= –10°C...+40°C	Ta= –10°C...+40°C, IP65
	FM22ATEX0002U; FM22UKEX0002U	FM22ATEX0001X; FM22UKEX0001X
FMus	NI/I/2/ABCD	NI/I, II, III/2/ABCDG T4
	ANI/I, II, III/2/ABCDG NIFW	ANI/I, II, III/2/ABCDG NIFW
	I/2/AEx ec IIC Gc	I/2/AEx ec IIC T4 Gc
	–	II, III/22/AEx tc IIIC T80°C Dc
	Ta= –10°C...+40°C	Ta= –10°C...+40°C, IP65
	FM22US0002U	FM22US0001X
FMc	NI/I/2/ABCD	NI/I, II, III/2/ABCDG T4
	ANI/I, II, III/2/ABCDG NIFW	ANI/I, II, III/2/ABCDG NIFW
	2/Ex ec IIC Gc	2/Ex ec IIC T4 Gc
	–	22/Ex tc IIIC T80°C Dc
	Ta= –10°C...+40°C	Ta= –10°C...+40°C, IP65
	FM22CA0002U	FM22CA0001X

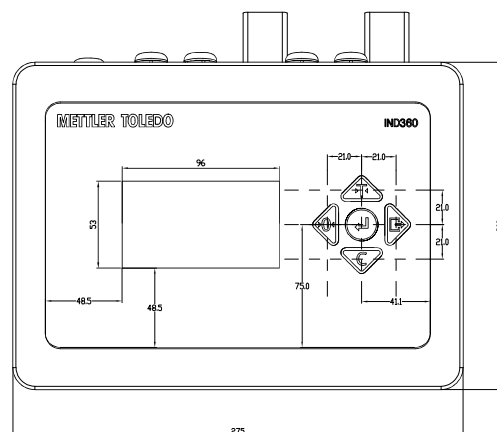
Technical Features

IND360 Automation Indicator

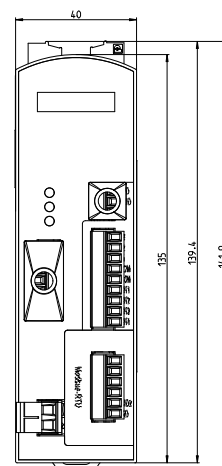
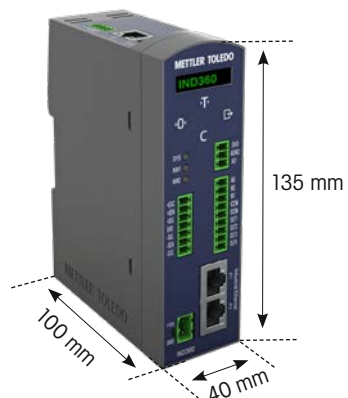
IND360 Panel dimension



IND360 Harsh dimension



IND360 DIN dimension



Precision Scale Compatibility

IND360 Automation Indicators

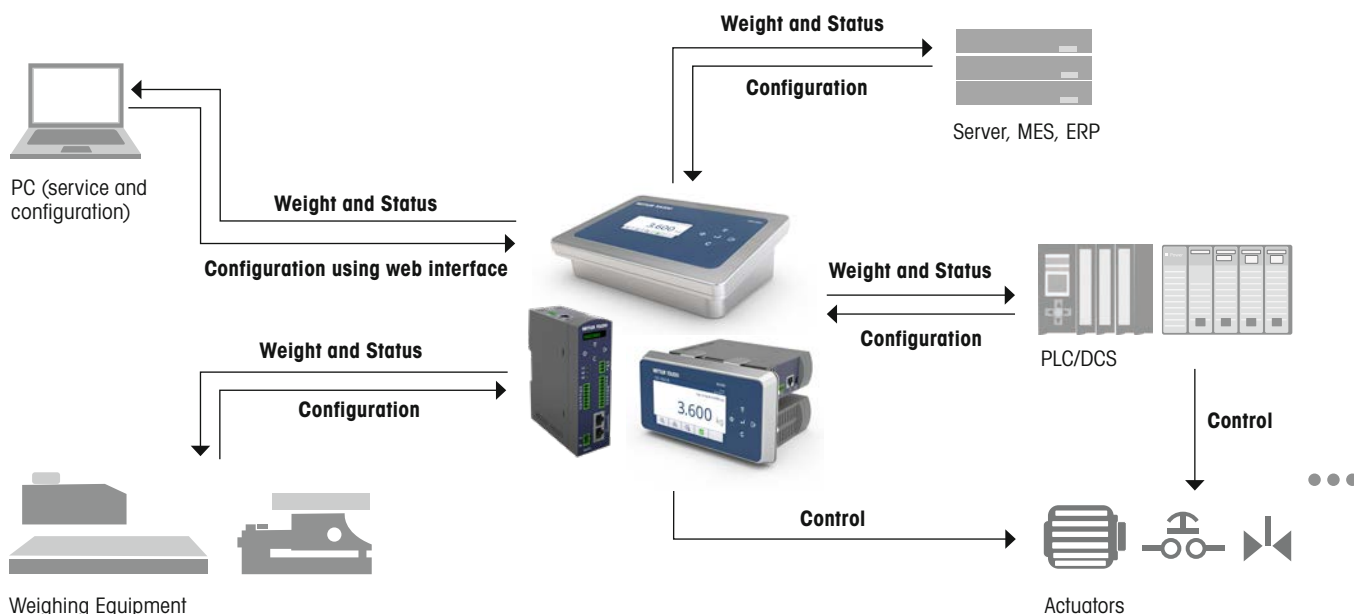
IND360 Precision connects to many types of precision weigh modules. The following table lists how various functions are supported when different types of weigh modules or scales are connected.

	Precision Scales for Legal-for-Trade	Precision Scales for Automation	Lab Balances and Moisture Analyzers
Compatible Modules	PBD555 / PBD769 / PBD655 / PBD659 / PBK785 / PBK9 / PTA4XX / PFA5XX / PUA5XX / PFA779lift / PFK9	WKC / WMS / WXS / SLF6 / PBK989-APW / PFK989-APW	Lab Balances: MS-TS / MS SemiMicro / MS Large / ML-T / ME-T / ME / LE / PL-E / MX / MR / MA / LA Moisture Analyzers: HX204 / HS 153 / HC103 / HE73 / HE53
Basic Functions: Read weight and status, tare, zero, clear	Display/keypad	Display/keypad	IND360 Display and Keypad
	Web interface	Web interface	Web interface
	Automation interface	Automation interface	Automation interface
Parameter configuration: e.g. calibration, adjustment, filter parameters	DIN, Panel and Harsh version: Web interface	Display/keypad (main parameters)	On Lab device
	Panel and Harsh version: Display/keypad	Software tool: APW-Link (all parameters) APW modules accessible from APW link via the service port on IND360	
		Automation interface ¹	
Firmware upgrade for precision modules	Software tool: eloader	Software tool: eloader	Lab Balances: contact service technician Moisture Analyzers: refer to the reference manual of the specific instrument

¹ Each weigh module supports different functions. Please consult the SAI (Standard Automation Interface) manual for further details.

Connection Drawings

IND360 Automation Indicators



IND360 connects many different types of weighing equipment to automation controls such as PLCs or DCSs as well as to server, MES or ERP systems using OPC UA or REST API. It provides the ability to manage weighing applications that directly drive outputs for actuators and receive inputs from switches – see IND360 manuals for more details. IND360 is very easy to setup using the web interface that is accessed via a web browser such as Microsoft Edge or Google Chrome.

All relevant documentation, software, device description files, and sample code are available at:

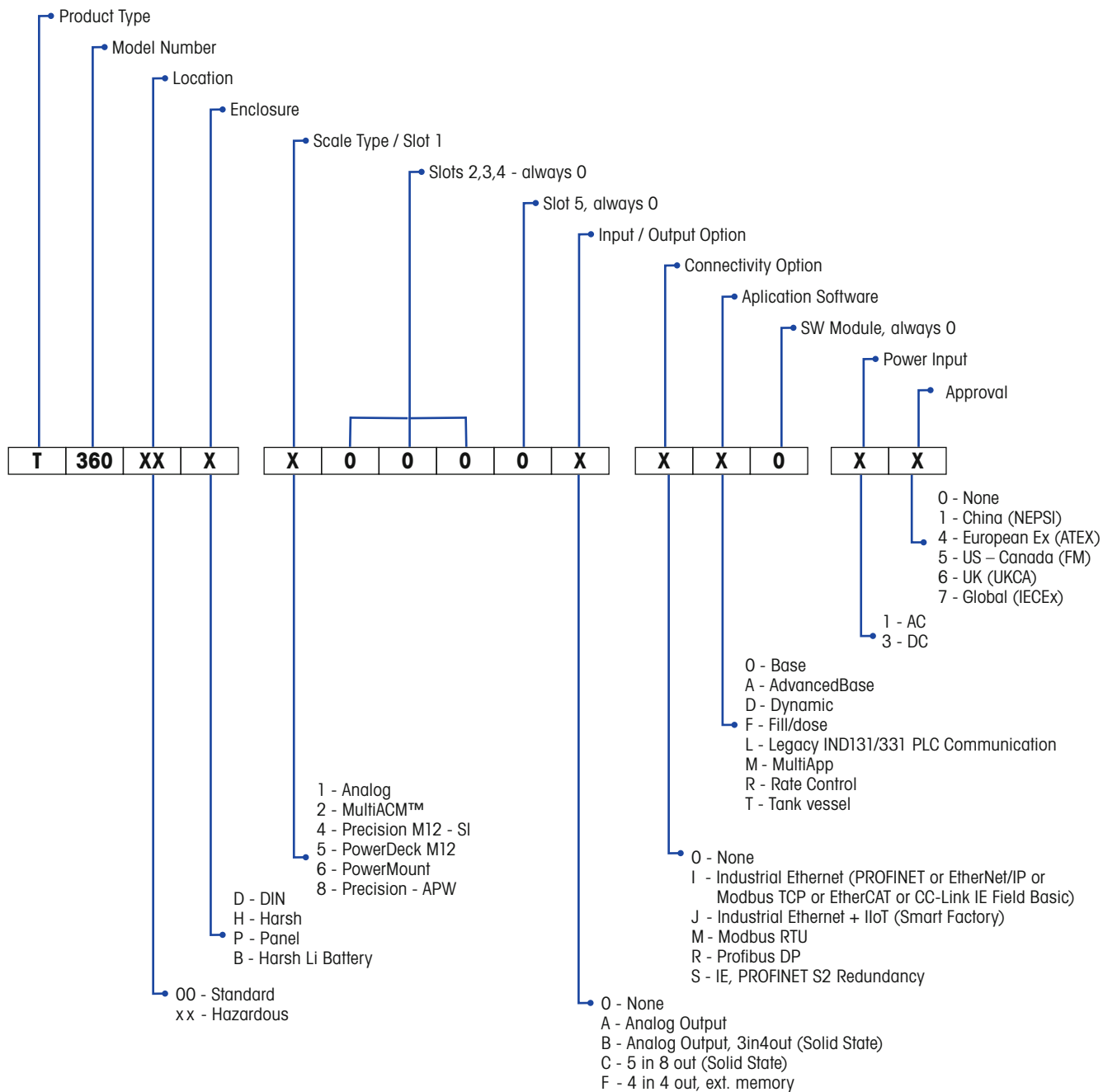
► www.mt.com/ind-IND360-downloads

Ordering Information

IND360 Automation Indicators

IND360 is available in different variants with the main item number 30601194.

Choose options according to the variant configuration structure, and contact your METTLER TOLEDO Sales representative for detailed ordering information.



Ordering Information

IND360 Automation Indicators

Base Unit	Descriptions
Item Number	IND360 in different enclosures, xx = Hazardous Version
30601194	IND360 DIN Mount
	IND360 Panel Mount
	IND360 Harsh
	IND360 Harsh Li Battery

Smart Options

	1 = None (analog scale)
	2 = MultiACM
	4 = Precision (PBK, PFK) – Standard Industrial (approved readability and M12 connector on terminal side)
	5 = PowerDeck M12 (connector on terminal side)
	6 = PowerMount (open wires on terminal side)
	8 = Precision – APW incl. PBK, PFK (higher readability and open wires on terminal side)

Input/Output Options¹⁾

	0 = None
	A = Analog output (4–20mA / 0–10VDC / 0–5VDC)
	B = Analog output (4–20mA / 0–10VDC / 0–5VDC) plus 3 digital inputs / 4 digital outputs (solid state)
	C = 5 digital inputs / 8 digital outputs (solid state)
	F = 4 digital inputs / 4 digital outputs (solid state) and extended memory for the optional dynamic application

Connectivity Options²⁾

	0 = None
	I = Industrial Ethernet (PROFINET or EtherNet/IP or Modbus TCP or EtherCAT or CC-Link IE Field Basic)
	J = Industrial Ethernet + IIoT (PROFINET or EtherNet/IP or Modbus TCP or EtherCAT or CC-Link IE Field Basic or OPC UA). OPC UA and PROFINET or EtherNet/IP can run simultaneously.
	M = Modbus RTU
	R = Profibus DP
	S = Industrial Ethernet + S2 redundancy for Profinet systems

Application Options

	0 = Base
	A = AdvancedBase ³⁾
	D = Dynamic (analog only)
	F = Fill/dose
	L = legacy IND131/331 PLC Communication
	M = MultiApp (all applications selectable, except L)
	R = Rate control
	T = Tank vessel

Power Options

	1 = AC (AC/DC power module included)
	3 = DC

Hazardous Options

	0 = None
	1 = China (NEPSI)
	4 = European Ex (ATEX)
	5 = US – Canada (FM)
	6 = UK (UKCA)
	7 = Global (IECEx)

1) Due to space constraints on the housing, for harsh version, in case „Approval“ = 5 - US - Canada (FM), and „Connectivity Options“ = I or M or R, then only A, C and F are allowed

2) Due to space constraints on the housing, for harsh version, in case „Approval“ = 5 - US - Canada (FM), daisy chaining the automation interface is not supported.

3) Additional functions with AdvancedBase see „Application Package“ table

Explore Our Service Solutions

Tailored to Fit Your Equipment Needs

METTLER TOLEDO Service delivers resources to enhance your efficiency, performance, and productivity by providing service packages that fit your operational needs, maximize your equipment lifetime, and protect your investment.

► www.mt.com/IND-Service



Start with professional installation

Installation services include support for your unique production situation:

- Professional IQ/OQ/PQ/MQ documentation
- Initial calibration and confirmation of fit-for-purpose
- Hazardous area installations



Extend your warranty coverage

Add two years of preventive maintenance and repair coverage to protect your equipment purchase and achieve maximum productivity and budget control.



Calibrate for quality and compliance

The professional Accuracy Calibration Certificate (ACC) determines measurement uncertainty in use over the entire weighing range. Corresponding annexes gives a clear pass/fail statement for specific tolerances applied, such as fit-for-purpose (GWP®), OIML R76, NTEP HB44, or further regulations.



Schedule maintenance

Full preventative maintenance plans offer inspection, functional testing, and proactive replacement of worn parts.

Health inspections offer a full assessment of current equipment condition with professional maintenance recommendations.



Maintain accuracy over time

Receive professional guidance (GWP® Verification™), including a routine testing plan that specifies four key factors to maximize your efficiency and ensure quality:

- Tests to perform
- Weights to use
- Testing frequency
- Tolerances to apply

“ Our extensive service network is among the best in the world and ensures maximum availability and service life of your product. ”



METTLER TOLEDO Service

Ordering Information

IND360 Automation Indicators

Accessories

Item Number	Descriptions
30601149	4–20 mA/0–10 VDC analog output PCBA kit for IND360 DIN and Panel mount version including enclosure opening tool.
30601150	4–20 mA/0–10 VDC analog output PCBA kit for IND360 Harsh version.
30601151	PCBA kit of 4–20 mA/0–10 VDC analog output, 3 discrete inputs, 4 discrete outputs (solid state) for IND360 DIN and Panel mount version including enclosure opening tool.
30601152	PCBA kit of 4–20 mA/0–10 VDC analog output, 3 discrete inputs, 4 discrete outputs (solid state) for IND360 Harsh version.
30601153	PCBA kit of 5 discrete inputs, 8 discrete outputs (solid state) for IND360 DIN and Panel mount version including enclosure opening tool.
30601154	PCBA kit of 5 discrete inputs, 8 discrete outputs (solid state) for IND360 Harsh version.
30832358	PCBA kit of 4 discrete inputs, 4 discrete outputs (solid state) and extended alibi memory for dynamic applications. This kit fits IND360 DIN and Panel mount versions.
30832359	PCBA kit of 4 discrete inputs, 4 discrete outputs (solid state) and extended alibi memory for dynamic applications. This kit fits IND360 Harsh version.
30601155	PCBA kit of Industrial Ethernet connection (PROFINET, EtherNet/IP, EtherCAT, CC-Link IE Field Basic or Modbus TCP) for IND360 DIN and Panel mount version including enclosure opening tool.
30601156	PCBA kit of Industrial Ethernet connection (PROFINET, EtherNet/IP, EtherCAT, CC-Link IE Field Basic or Modbus TCP) for IND360 Harsh version.
30601159	PCBA kit of Modbus RTU connection for IND360 DIN and Panel mount version including enclosure opening tool.
30601160	PCBA kit of Modbus RTU connection for IND360 Harsh version.
30601161	PCBA kit of Profibus DP connection for IND360 DIN and Panel mount version including enclosure opening tool.
30601162	PCBA kit of Profibus DP connection for IND360 Harsh version.
30617714	AC/DC Power Module APS324.
30617716	Power supply cable from the APS324 power module to IND360.
30624028	Complete set of IND360 connectors.
30624029	Display cable (3 m) from IND360 module to the panel. Use this when the IND360 module is not mounted to the back of the panel.
30624030	Display cable (11 cm) from IND360 module to the panel. Use this when the IND360 module is mounted to the back of the panel.
30462051	VESA 100 Bracket to mount a IND360 Harsh version on desk or on wall.
22020286	Adjustable Column Bracket VESA 100 for IND360 Harsh version.
30624077	Opening tool for IND360 DIN mount version enclosure.
30763036	G½"–M16 gland adapter for IND360 harsh. Required for FM approved hazardous applications.
30783230	Bracket guard protects the connectors on the IND360 Harsh version for hazardous installations.
30130836	Harsh metrology sealing kit including special screws, wire, plastic clasp/seal and self-destructing security sealing label for W&M application.
72996394	
68001451	
30938832	MultiACM Home-run Cable, 30 m
30938833	MultiACM Home-run Cable, 50 m
30938834	MultiACM Home-run Cable, 100 m
30927827	MultiACM Junction Box
30939647	MultiACM Mainboard
30964404	Accessory packages Gland-S M16*1.5 (for Li-Battery enclosure, <1 % Cu and Zn)

METTLER TOLEDO Group

Industrial Division

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For more information



Subject to technical changes

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