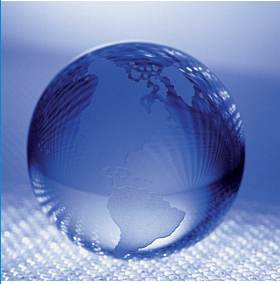
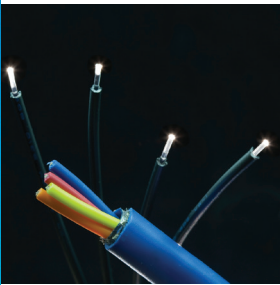


## Maximize the potential of the IND560x with the ACM500



### Globally recognized approvals

certify the ACM500 as a non-hazardous area accessory for the IND560x, making it available for use worldwide.



### Safe connection

over fiber optic or intrinsically safe current loop to the IND560x in the hazardous area, allows for fast, bi-directional communication without the need for additional signal barriers.



### Flexible connectivity

including Ethernet and additional serial interfaces. Numerous PLC interfaces are available, allowing integration of hazardous area applications into larger facility management systems.



### Industrial housing

is constructed of stainless steel and certified IP66. The housing will withstand harsh environments, and includes integrated mounting brackets to simplify installation.



### ACM500 Communication Module

The ACM500 accessory communication module exists to expand the capabilities and connectivity of the IND560x industrial terminal.

The ACM500 is designed for installation only within the non-hazardous area. The module provides a safe communication link between the IND560x terminal in the hazardous area and non-hazardous area peripheral devices such as PLCs, PCs, printers or another METTLER TOLEDO terminal. It can be equipped with one of a variety of PLC interfaces, and also provides expanded serial communication and Ethernet connectivity.

# ACM500 communication module

## ACM500 Features and Benefits

- Choose to communicate via an intrinsically safe current loop connection **or** fiber optics. Both interfaces offer two dual-channel communication ports
- Scalable to application need – Ethernet TCP/IP option includes two additional serial ports. Multiple PLC connectivity options available
- Ethernet and serial connections support these standard protocols:

	Serial	Ethernet
Demand Printing	x	x
METTLER TOLEDO continuous	x	x
Continuous Template	x	x
Report Printing	x	x
Remote I/O	x	
Remote Display	x	
ASCII Input	x	
CPTZ Printing	x	
SICS	x	
Totals Report Printing	x	x
EPrint Outputs		x

- PLC interfaces offer direct communication to a variety of control systems, providing a high level of real-time information and control options
- Common accessories – Ethernet/Serial and PLC interface available for use with ACM500 are the same interfaces used with the IND560
- Interfaces installed in the ACM500 are configured from within the user-friendly setup menu of the IND560x
- Potential ACM500 configurations:

	Interface slot [choose 1]	Expansion slot 1	Expansion slot 2 [choose 1]
Intrinsically safe current loop	x		
Fiber optic	x		
Ethernet TCP/IP, COM2/COM3 Serial		x	
PROFIBUS® DP			x
DeviceNet™			x
Analog output			x
EtherNet/IP™			x
Modbus TCP			x

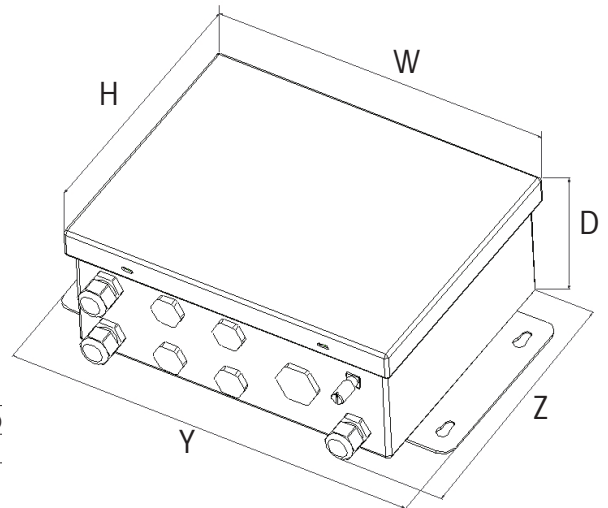
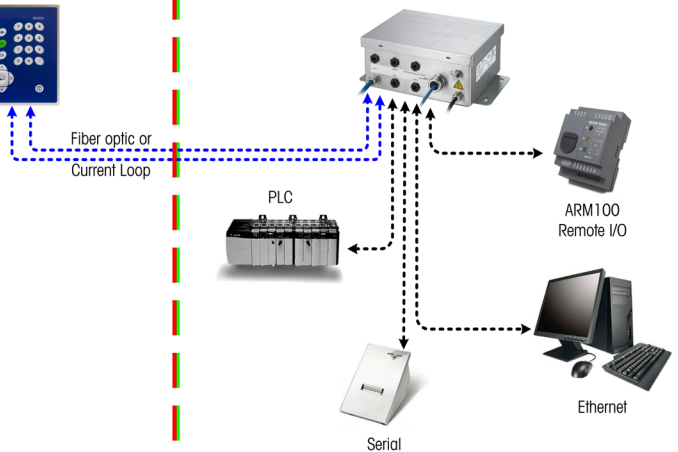
<b>Enclosure Dimensions (H x W x D)</b>	210 x 265 x 106 mm (8.3 x 10.4 x 4.2 in.)	
<b>Overall footprint (Y x Z)</b>	Includes integrated mounting brackets: 320 x 217 mm (12.6 x 8.5 in.)	
<b>Shipping weight</b>	5.5 kg (11.2 lb) approximate gross	
<b>Enclosure construction/ environmental protection</b>	Stainless steel enclosure, certified IP66	
<b>Operating environment</b>	10° to 40° C (14° to 104° F) at 10% to 95% relative humidity, noncondensing	
<b>Power</b>	Operates at 100-240 VAC, 50/60 Hz, 250 mA Integrated universal power supply; includes cord for country of use	
<b>Connection to terminal</b>	Maximum distance from the IND560x terminal: 300m (1000 ft) Maximum 115k baud communication rate between ACM500 and IND560x	
<b>Discrete I/O options</b>	Communicate with up to three ARM100 remote I/O modules through optional COM3 serial port Will communicate with 2 ARM100s if the IND560x is utilizing an internal, hazardous area I/O option The IND560x in conjunction with the ACM500 can manage a maximum of 12 inputs and 18 outputs	
<b>Ex approvals</b>	US & Canada: AIS / I, II, III / 1 / ABCDEFG; Entity; IP66 Control drawing 72191600 [AIS = Associated apparatus with intrinsically safe connection]	IECEx: BVS 15.0069 With current loop interface [Ex ib Gb] IIC [Ex ib Db] IIIC With fiber optic interface [Ex op is Gb] IIC [Ex op is Db] IIIC
	Europe:	BVS_08_ATEX_E_100 With current loop interface II (2) G [Ex ib] IIC II (2) D [Ex ibD] With fiber optic interface II (2) GD [Ex op is] IIC

## Hazardous Area



## Non-Hazardous Area

### ACM500



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Subject to technical changes  
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[www.mt.com/IND560x](http://www.mt.com/IND560x) for more information