General Notes for IND500x Control Drawing

- IND500x ambient temperature range: -10°C to +40°C
- Special conditions for safe use: refer to IND500x installation manual
- The entity concept allows interconnection of intrinsically safe apparatus and associated apparatus when the following is true:

 $Uo \le Ui$, $Io \le Ii$, $Po \le Pi$, $Co \ge Ci + Ccable$; $Lo \ge Li + Lcable$.

- Cable shields shall be connected to IND500x by metal cable glands (refer to IND500x installation manual)
- Field cable installation shall be protected from damage and movement.
 Copper wire isolation shall be at least 0.25mm thick per conductor. The actual isolation distance is farther if solid insulation is not considered.
- Connection of equipotential bonding (EB) as per country specific regulations.
 It must be ensured that the housings of all devices are connected to the same potential via the EB terminals. No circulating current may flow via the shielding of the intrinsically safe cables.
- In general, installations shall comply with the relevant country specific regulations.
 Installations in the U.S. should be in accordance with ANSI/ISA RP12.06.01 "Installation of Intrinsically Safe Systems for Hazardous (Classified) Locations" and the latest edition of the National Electrical Code (ANSI/NFPA 70).

Installation in Canada shall be in accordance with the latest edition of the C22.1 Canadian Electrical Code. Part I.

Installations in Europe shall comply with the relevant requirements of EN 60079-14 and applicable National regulations.

Installations for IECEx certification shall be in accordance with IEC 60079-14 and the wiring practices for the country of origin.

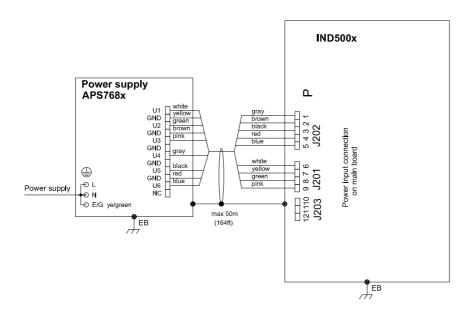
- The intrinsically safe apparatus and associated apparatus shall be certified for installations according the country specific requirements.
 For U.S installations it shall be FM approved.
- The intrinsically safe apparatus and associated apparatus manufacturer's installation drawing and instructions shall be followed when installing this equipment
- The equipment connected to associated apparatus (e.g. control room equipment) shall not generate more than 250 Vrms or Vdc, or the marked Um on the associated apparatus, whichever is less.

NOTICE

METTLER TOLEDO	MTCT	Drawn	Zhang YongJur	2021/11/16	Scale	1:1	
METILER TOLEDO	CN-213125 ChangZhou	Change			Format	mt_A	4
Refer to protection notice ISO 16016 / Schutzvermerk ISO 16016 beachten		Note	-		Replace	!s -	
Description IND500x 控制接线图		ERP NO.					ERP Rev
Control Drawing	IND500x	305	95335				Α
External Design No.:	External Design Rev.: A	Status	NOTApproved 1	Mass:	Uni	ts:mm	1/15

Power Input connection

Hazardous area (classified) Class I, II, III, DIV I or Zone 1 / Zone 21; Indoor location



Entity Parameters:

Power Input P1-P12

Designator	Ui/V	li/mA	Pi/W	Ci/uF	Li/mH	
P1(J202.1)	12.6	92	1.16	0.33	0	
P3(J202.3)	5.9	240	1.41	0.22	0	
P5(J202.5)	12.6	92	1.16	0.32	0	
P6(J201.1)	8.7	133	1.16	0.357 **	0.08 **	
P8(J201.3)	12.6	42	0.53	0.142 **	0.08 **	
P9(J201.4)	8.7	133	1.16	0.22	0	
P10(J203.1) *	5.9	338	2	0	0	
P12(J203.3) *	12.6	158	2	0.21	0	

Common GND connections: P2(J202.2), P4(J202.4), P7(J201.2), P11(J203.2)

Application specific notes:

Also refer to general notes on page 1

NOTICE

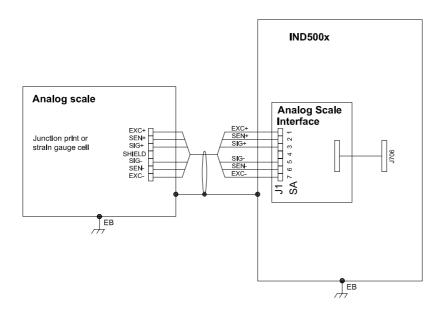
METTLER TOLEDO	MTCT	Drawn	Zhang YongJu	un 2021/11/16	Scale	1:1	
METILER TOLEDO	CN-213125 ChangZhou	Change			Format	mt_A4	.]~
Refer to protection notice ISO 16016 / Schutzvermerk ISO 16016 beachten		Note	-		Replaces -		
Description IND500x 控制接线图		ERP NO.				E	RP Rev
Control Drawing	IND500x	305	95335				Α
External Design No.:	External Design Rev.: A	Status:1	NOTApproved	Mass:	Unit	s:mm	2/15

These Power Inputs are Intended to be used for future use.

Due to the fact that P6 and P8 are passed through the IND500x to the digital scale, the worst case Ci and Li values and also 20m cable of the connected loadcells or scalebases are already included.

Analog Scale Interface connection

Hazardous area (classified)
Class I, II, III, DIV I or Zone 1 / Zone 21; Indoor location



Entity Parameters:

Analog Scale Interface

Designator	Uo/V	lo/mA	Po/W	Co/uF	Lo/mH
SA1-7(J1)	5.88	133	0.79	0.2	0.3

Application specific notes:

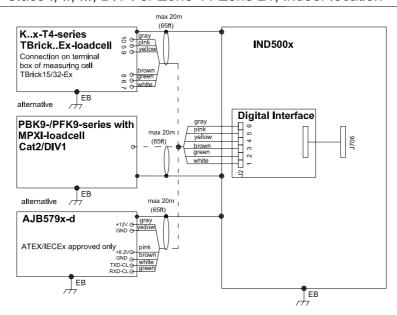
- analog scale connection: ensure Uo ≤ Ui , Io ≤ Ii , Po ≤ Pi , Co ≥ Ci + Ccable, Lo ≥ Li + Lcable. If cable parameters are unknown, use Ccable = 200pF/m and Lcable = 1μH/m
- Also refer to general notes on page 1

NOTICE

METTLER TOLEDO	MTCT	Drawn	Zhang YongJun	2021/11/16	Scale	1:1	
METILER TOLEDO	CN-213125 ChangZhou	Change			Format	mt_A	, !
Refer to protection notice ISO 16016 / Schutzvermerk ISO 16016 beachten		Note	-		Replace	s -	
Description IND500x 控制接线图		ERP NO.				1	RP Rev
Control Drawing IND500x		305	95335				Α
External Design No.:	External Design Rev.: A	Status:	NOTApproved Ma	SS:	Unit	ts:mm	3/15

Digital Interface connection

Hazardous area (classified) Class I, II, III, DIV I or Zone 1 / Zone 21; Indoor location



Entity Parameters:

Digital Interface

Designator	Uo/V	lo/mA	Po/W	Co/uF	Lo/mH	
J2.6(J2.6)	12.6	42	0.53	0.39 see remarks	0.95 see remarks	
J2.5(J2.5)	8.7	133	1.16	0.77 see remarks	0.25 see remarks	
J2.2(J2.2)	5.88	30	0.045	0.1	0.1	
J2.1(J2.1)	5.88	30	0.045	0.1	0.1	

GND connections: J2.3(J2.3), J2.4(J2.4)

Remarks:

- Listed values are based on APS768x power supply and a 50m power supply cable.
- If another power supply is used, follow the description and formuals below:

The J2.6(J2.6) and J2.5(J2.5) circuits are derived from power input line P8(J201.3) and P6(J201.1) of main board and are passed through the IND500x. Therefore the Co and Lo values correspond to the Co and Lo values of the corresponding connnected power supply lines reduced by the internal C and L values and the externally connected power supply cable C and L values of IND500x:

Co_IND500x = Co_ps - C_ps_cable - C_internal Lo_IND500x = Lo_ps - L_ps_cable - L_internal

• If cable parameters are unknown, use Ccable = 200pF/m and Lcable = 1μH/m

Application specific notes:

Also refer to general notes on page 1

NOTICE

METTLER TOLEDO	MTCT	Drawn	Zhang YongJ	un 2021/11/16	Scale	1:1	
METILER TOLEDO	CN-213125 ChangZhou	Change			Format	mt_A	4749
Refer to protection notice ISO 16016 / Schutzvermerk ISO 16016 beachten		Note	-		Replace		
Description IND500x 控制接线图		ERP NO.					ERP Rev
Control Drawing	IND500x	305	95335				Α
External Design No.:	External Design Rev.: A	Status	NOTApproved	Mass:	Unit	ts:mm	4/15

RS232 IS connection Hazardous area (classified) Safe area Class I, II, III, DIV I or Zone 1 / Zone 21; Indoor location Intrinsically Safe Serial Device IND500x EB RS232 Interface То Associated alternative appropriate (32ft) Intrinsically Safe equipment Barrier EB Associated То appropriate Intrinsically Safe equipment Barrier EB Intrinsically Safe EB

Serial Device (e.g.IND256x, IND560x, ICS426x/466x, IND500x)

EB

Entity Parameters:

COM1 (RS232 IS)

Designator	Ui/V	li/mA	Pi/mW	Ci/nF	Li/uH
COM1.1 (J605.1)	±10	±100	250	0	0
COM1.2 (J605.2)	±10	±100	250	0	0

Common GND connections: COM1.3 (J605.3); COM1.4 (J605.4)

Designator	Uo/V	lo/mA	Po/mW	Co/nF	Lo/uH
COM1.1 (J605.1)	±5.88	±19.8	29.1	100	100
COM1.2 (J605.2)	±5.88	±19.8	29.1	100	100

Common GND connections: COM1.3 (J605.3); COM1.4 (J605.4)

COM6 (RS232 IS)

Designator	Ui/V	li/mA	Pi/mW	Ci/nF	Li/uH
COM6.1 (J1.1)	±10	±100	250	0	0
COM6.2 (J1.2)	±10	±100	250	0	0

Common GND connections: COM6.3 (J1.3); COM6.4 (J1.4)

Designator	Uo/V	lo/mA	Po/mW	Co/nF	Lo/uH
COM6.1 (J1.1)	±5.88	±19.8	29.1	100	100
COM6.2 (J1.2)	±5.88	±19.8	29.1	100	100

Common GND connections: COM6.3 (J1.3); COM6.4 (J1.4)

Application specific notes:

Install cable seal between differently rated areas per country-specific regulations

• Also refer to general notes on page 1

NOTICE

METTLER TOLEDO	MTCT	Drawn	Zhang YongJu	n 2021/11/16	Scale	1:1	
METILER TOLEDO	CN-213125 ChangZhou	Change			Format	mt_A	4749
Refer to protection notice ISO 16016 / Schutzvermerk ISO 16016 beachten		Note	-		Replace	s -	
Description IND500x 控制接线图		ERP NO.					ERP Rev
Control Drawing	IND500x	305	95335				Α
External Design No.:	External Design Rev.: A	Status	NOTApproved	Mass:	Unit	ts:mm	5/15

Hazardous area (classified) Class I, II, III, DIV I or Zone 1 / Zone 21; Indoor location Safe area IND500x Associated Intrinsically Safe Barrier EB EB

Entity Parameters:

4-20mA Interface

Designator	Uo/V	lo/mA	Po/mW	Co/nF	Lo/uH
I_OUT+ (J4.1) to I_OUT- (J4.3)	13.65	115	400	680	400
Designator	Ui/V	li/mA	Pi/mW	Ci/nF	Li/uH
I_OUT+ (J4.1) to I_OUT- (J4.3)	12	115	345	110	0

Application specific notes:

- Install cable seal between differently rated areas per country-specific regulations
- Also refer to general notes on page 1

NOTICE

METTLER TOLEDO	MTCT	Drawn	Zhang YongJur	2021/11/16	Scale	1:1	
METILER TOLEDO	CN-213125 ChangZhou	Change			Format	mt_A	4749
Refer to protection notice ISO 16016 / Schutzvermerk ISO 16016 beachten		Note	-		Replace	s -	
Description IND500x 控制接线图		ERP NO.					ERP Rev
Control Drawing	IND500x	305	95335				Α
External Design No.:	External Design Rev.: A	Status	NOTApproved N	Mass:	Uni	ts:mm	6/15

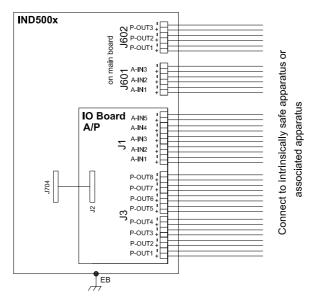
Discrete I/O connection

CASE 1: main board I/O + IO Board A/P

Hazardous area (classified)

Class I, II, III, DIV I or Zone 1 / Zone 21; Indoor location

Safe area



Connect to intrinsically safe associated apparatus

Entity Parameters:

Main Board Active Inputs:

Designator	Uo/V	lo/mA	Po/mW	Co/nF	Lo/uH
A-IN1+(J601.1)A-IN3+(J601.5)	5.88	2	2.94	100	100

Common GND connections: A-IN*-: J601.2, J601.4, J601.6

Main Board Passive Outputs:

Designator	Ui/V	li/mA	Pi/mW	Ci/nF	Li/uH
P-OUT1+(J602.1) to P-OUT1-(J602.2)	15	40	150	0	0
P-OUT2+(J602.3) to P-OUT2-(J602.4)	15	40	150	0	0
P-OUT3+(J602.5) to P-OUT3-(J602.6)	15	40	150	0	0

IO Board A/P Active Inputs:

Designator	Uo/V	lo/mA	Po/mW	Co/nF	Lo/uH
A-IN1+(J1.1A)A-IN5+(J1.5A)	5.88	2	2.94	100	100

Common GND connections: A-IN*-: J1.1B, J1.2B,J1.3B,J1.4B,J1.5B

IO Board A/P Passive Outputs:

Designator	Ui/V	li/mA	Pi/mW	Ci/nF	Li/uH
P_OUT1+(J3.1A)P_OUT8+(J3.8A)	15	40	150	0	0

P_OUT*+(J3.*A) refers separately to P_OUT*-(J3.*B)

Application specific notes:

- Install cable seal between differently rated areas per country-specific regulations
- Discrete I/O active input: connection to simple apparatus (e.g. operator switches) according ATEX/IECEx regulations respectively country specific guidelines.
- For US: NEC (NFPA70), section 504.2 and 504.4
- Also refer to general notes on page 1

NOTICE

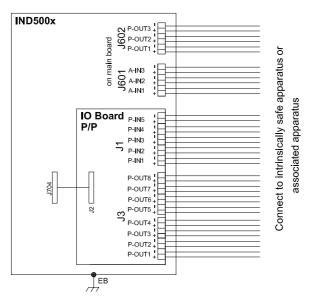
METTLER TOLEDO	MTCT	Drawn	Zhang YongJun	2021/11/16	Scale	1:1	
METILER TOLEDO	CN-213125 ChangZhou	Change			Format	mt_A	4749
Refer to protection notice ISO 160°	16 / Schutzvermerk ISO 16016 beachten	Note	-		Replace	2S -	
Description IND500x 控制接线图		ERP NO.			•		ERP Rev
Control Drawing	IND500x	305	95335				Α
External Design No.:	External Design Rev.: A	Status:	NOTApproved Mas	S:	Uni	ts:mm	7/15

Discrete I/O connection

CASE 2: main board I/O + IO Board P/P

Hazardous area (classified)
Class I, II, III, DIV I or Zone 1 / Zone 21; Indoor location

Safe area



Connect to intrinsically safe associated apparatus

Entity Parameters:

Main Board Active Inputs:

Designator	Uo/V	lo/mA	Po/mW	Co/nF	Lo/uH
A-IN1+(J601.1)A-IN3+(J601.5)	5.88	2	2.94	100	100

Common GND connections: A-IN*-: J601.2, J601.4, J601.6

Main Board Passive Outputs:

Designator	UI/V	li/mA	Pi/mW	Ci/nF	Li/uH
P-OUT1+(J602.1) to P-OUT1-(J602.2)	15	40	150	0	0
P-OUT2+(J602.3) to P-OUT2-(J602.4)	15	40	150	0	0
P-OUT3+(J602.5) to P-OUT3-(J602.6)	15	40	150	0	0

IO Board P/P Passive Inputs:

Designator	Ui/V	li/mA	Pi/mW	Ci/nF	Li/uH
P-IN1+(J1.1A)P-IN5+(J1.5A)	30	50	375	0	0

P-IN*+(J1.*A) refers separately to P-IN*-(J1.*B)

IO Board P/P Passive Outputs:

Designator	Ui/V	li/mA	Pi/mW	Ci/nF	Li/uH
P_OUT1+(J3.1A)P_OUT8+(J3.8A)	15	40	150	0	0

P_OUT*+(J3.*A) refers separately to P_OUT*-(J3.*B)

Application specific notes:

- Install cable seal between differently rated areas per country-specific regulations
- Discrete I/O active input: connection to simple apparatus (e.g. operator switches) according ATEX/IECEx regulations respectively country specific guidelines.

For US: NEC (NFPA70), section 504.2 and 504.4

Also refer to general notes on page 1

NOTICE

METTLER TOLEDO	MTCT	Drawn	Zhang YongJun	2021/11/16	Scale 1:	1	
WELLER TOTED	CN-213125 ChangZhou	Change			Format m	t_A4	
Refer to protection notice ISO 16	6016 / Schutzvermerk ISO 16016 beachten	Note	-		Replaces	-	
Description IND500x 控制接线图		ERP NO.				ER	P Rev
Control Drawing	IND500x	305	95335				Α
External Design No.:	External Design Rev.: A	Status:	NOTApproved Mas	s:	Units:	mm	8/15

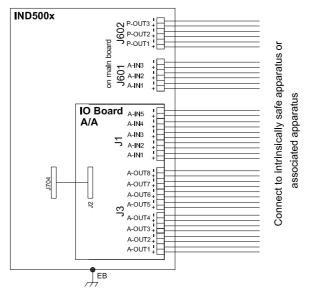
Discrete I/O connection

CASE 3: main board I/O + IO Board A/A

Hazardous area (classified)

Class I, II, III, DIV I or Zone 1 / Zone 21; Indoor location

Safe area



Connect to intrinsically safe associated apparatus

Entity Parameters:

Main Board Active Inputs:

Designator	Uo/V	lo/mA	Po/mW	Co/nF	Lo/uH
A-IN1+(J601.1)A-IN3+(J601.5)	5.88	2	2.94	100	100

Common GND connections: A-IN*-: J601.2, J601.4, J601.6

Main Board Passive Outputs:

Designator	Ui/V	li/mA	Pi/mW	Ci/nF	Li/uH
P-OUT1+(J602.1) to P-OUT1-(J602.2)	15	40	150	0	0
P-OUT2+(J602.3) to P-OUT2-(J602.4)	15	40	150	0	0
P-OUT3+(J602.5) to P-OUT3-(J602.6)	15	40	150	0	0

IO Board A/A Active Inputs:

Designator	Uo/V	lo/mA	Po/mW	Co/nF	Lo/uH
A-IN1+(J1.1A)A-IN5+(J1.5A)	5.88	2	2.94	100	100

Common GND connections: A-IN*-: J1.1B, J1.2B,J1.3B,J1.4B,J1.5B

IO Board A/A Active Outputs:

Designator	Uo/V	lo/mA	Po/mW	Co/nF	Lo/uH
A-OUT1+(J3.1A)A-IN8+(J3.8A)	12.6	92	610	100	400

Common GND connections: A-OUT*-: J3.1B, J3.2B, J3.3B, J3.4B, J3.5B, J3.6B, J3.7B, J3.8B

Application specific notes:

- Install cable seal between differently rated areas per country-specific regulations
- Discrete I/O active input: connection to simple apparatus (e.g. operator switches) according ATEX/IECEx regulations respectively country specific guidelines.

For US: NEC (NFPA70), section 504.2 and 504.4

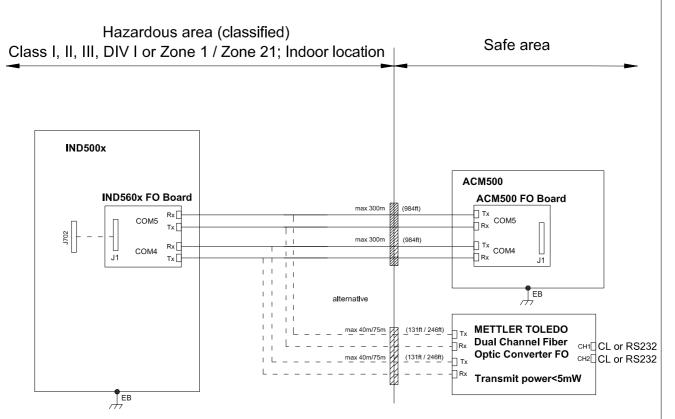
Also refer to general notes on page 1

NOTICE

METTLER TOLEDO	MTCT	Drawn	Zhang YongJun	2021/11/16	Scale	1:1	
METILER TOLEDO	CN-213125 ChangZhou	Change			Format	mt_A	
Refer to protection notice ISO 16016 / Schutzvermerk ISO 16016 beachten			-		Replace	s -	
Description IND500x 控制接线图		ERP NO.					ERP Rev
Control Drawing	IND500x	305	95335				Α
External Design No.:	External Design Rev.: A	Status	NOTApproved M	lass:	Uni	ts:mm	9/15

IND560x FO Board connection

CASE 1: connect with 2 channel devices in safe area



Entity Parameters:

IND560x FO board

The highest continuous light output power at transmission data line and the highest continuous light input power at receiving data line is:

FO-COM4 Pout < 5mW Pin < 35mW FO-COM5 Pout < 5mW Pin < 35mW

Application specific notes:

- Install cable seal between differently rated areas per country-specific regulations
- HCS fiber maximum length 300m (984 ft) or POF fiber maximum length 40m (131 ft) @ 115kbd or 75m (246 ft) @ 9600bd
- Also refer to general notes on page 1

NOTICE

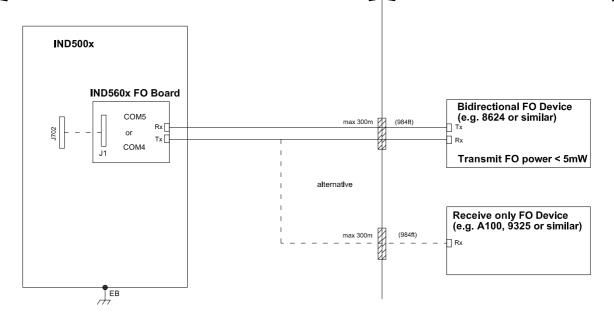
METTLER TOLEDO	MTCT	Drawn	Zhang YongJu	n 2021/11/16	Scale	1:1	
METILER TOLEDO	CN-213125 ChangZhou	Change			Format	mt_A	, U
Refer to protection notice ISO 1601	6 / Schutzvermerk ISO 16016 beachten	Note	_		Replace	s -	
Description IND500x 控制接线图		ERP NO.					RP Rev
Control Drawing	IND500x	305	95335				Α
External Design No.:	External Design Rev.: A	Status:	NOTApproved	Mass:	Unit	s:mm	10/15

IND560x FO Board connection

CASE 2: connect with 1 channel devices in safe area

Hazardous area (classified)
Class I, II, III, DIV I or Zone 1 / Zone 21; Indoor location

Safe area



Entity Parameters:

IND560x FO board

The highest continuous light output power at transmission data line and the highest continuous light input power at receiving data line is:

FO-COM4 Pout < 5mW Pin < 35mW FO-COM5 Pout < 5mW Pin < 35mW

Application specific notes:

- Install cable seal between differently rated areas per country-specific regulations
- HCS fiber maximum length 300m (984 ft) or POF fiber maximum length 40m (131 ft) @ 115kbd or 75m (246 ft) @ 9600bd
- Also refer to general notes on page 1

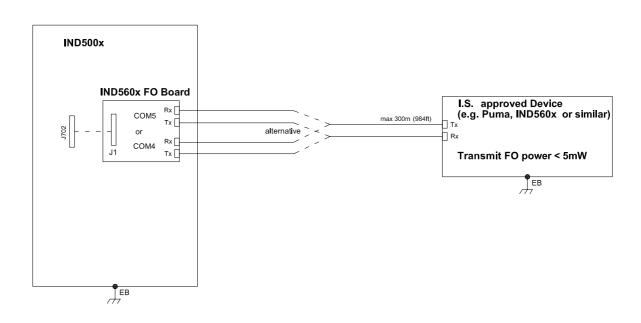
NOTICE

METTLER TOLEDO	MTCT	Drawn	Zhang YongJun	2021/11/16	Scale	1:1	
METILER TOLEDO	CN-213125 ChangZhou	Change			Format	mt_A	749
Refer to protection notice ISO 160	16 / Schutzvermerk ISO 16016 beachten	Note	-		Replace	!S -	
Description IND500x 控制接线图		ERP NO.					ERP Rev
Control Drawing	IND500x	305	95335				Α
External Design No.:	External Design Rev.: A	Status:1	NOTApproved Ma	SS:	Uni	ts:mm	11/15

IND560x FO Board connection

CASE 3: connect with devices in hazardous area

Hazardous area (classified)
Class I, II, III, DIV I or Zone 1 / Zone 21; Indoor location



Entity Parameters:

IND560x FO board

The highest continuous light output power at transmission data line and the highest continuous light input power at receiving data line is:

FO-COM4 Pout < 5mW Pin < 35mW FO-COM5 Pout < 5mW Pin < 35mW

Application specific notes:

- HCS fiber maximum length 300m (984 ft) or POF fiber maximum length 40m (131 ft) @ 115kbd or 75m (246 ft) @ 9600bd
- Also refer to general notes on page 1

NOTICE

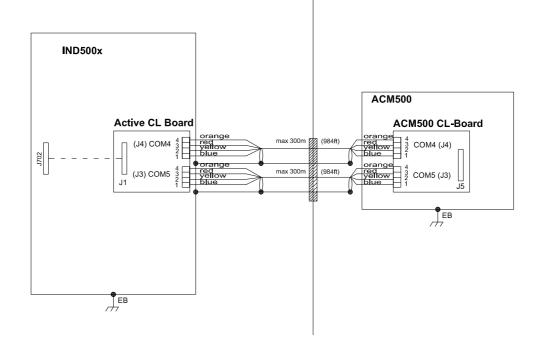
METTLER TOLEDO	MTCT	Drawn	Zhang YongJ	un 2021/11/16	Scale	1:1	
METILER TOLEDO	CN-213125 ChangZhou	Change			Format	mt_A	\Box
Refer to protection notice ISO 16016 / Schutzvermerk ISO 16016 beachten			_		Replace	!S -	
Description IND500x 控制接线图		ERP NO.			•		ERP Rev
Control Drawing	IND500x	305	95335				Α
External Design No.:	External Design Rev.: A	Status:1	NOTApproved	Mass:	Uni	ts:mm	12/15

Active CL Board connection

CASE 1: connect with ACM500 in safe area

Hazardous area (classified)
Class I, II, III, DIV I or Zone 1 / Zone 21; Indoor location

Safe area



Entity Parameters:

Active current loop board

Designator	Uo/V	lo/mA	Po/mW	Co/nF	Lo/uH
COM 4 (J4)	5.88	133	211	600	400
COM 5 (J3)	5.88	133	211	600	400

Application specific notes:

- Install cable seal between differently rated areas per country-specific regulations
- Don't connect cable shield at ACM500 / ACM200 end. Maximum length 300m (984 ft)
- Also refer to general notes on page 1

NOTICE

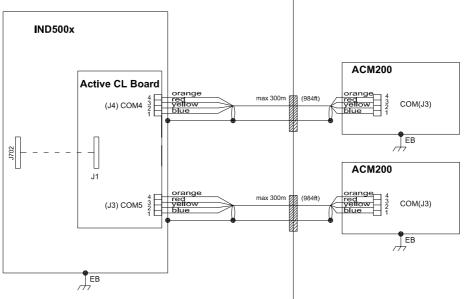
METTLER TOLEDO	MTCT	Drawn	Zhang YongJun	2021/11/16	Scale	1:1	
METILER TOLEDO	CN-213125 ChangZhou	Change			Format	mt_A	, ~
Refer to protection notice ISO 16016 / Schutzvermerk ISO 16016 beachten			-		Replace	s -	
Description IND500x 控制接线图		ERP NO.			•	1	ERP Rev
Control Drawing	IND500x	305	95335				Α
External Design No.:	External Design Rev.: A	Status:	NOTApproved M	1ass:	Unit	ts:mm	13/15

Active CL Board connection

CASE 2: connect with ACM200 in safe area

Hazardous area (classified)
Class I, II, III, DIV I or Zone 1 / Zone 21; Indoor location

Safe area



Entity Parameters:

Active current loop board

Designator	Uo/V	lo/mA	Po/mW	Co/nF	Lo/uH
COM 4 (J4)	5.88	133	211	600	400
COM 5 (J3)	5.88	133	211	600	400

Application specific notes:

- Install cable seal between differently rated areas per country-specific regulations
- Don't connect cable shield at ACM500 / ACM200 end. Maximum length 300m (984 ft)
- Also refer to general notes on page 1

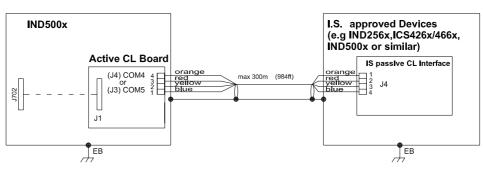
NOTICE

METTLER TOLEDO	MTCT	Drawn	Zhang YongJur	2021/11/16	Scale	1:1	
METILER TOLEDO	CN-213125 ChangZhou	Change			Format	mt_A	, ~
Refer to protection notice ISO 16016 / Schutzvermerk ISO 16016 beachten			-		Replace	s -	
Description IND500x 控制接线图		ERP NO.				1	ERP Rev
Control Drawing	IND500x	305	95335				Α
External Design No.:	External Design Rev.: A	Status:	NOTApproved N	Mass:	Unit	ts:mm	14/15

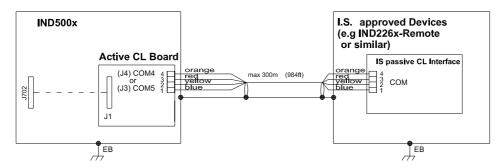
Active CL Board connection

CASE 3: connect with intrinsically safe devices with passive CL board in hazardous area

Hazardous area (classified)
Class I, II, III, DIV I or Zone 1 / Zone 21; Indoor location



OR



Entity Parameters:

Active current loop board

Designator	Uo/V	lo/mA	Po/mW	Co/nF	Lo/uH
COM 4 (J4)	5.88	133	211	600	400
COM 5 (J3)	5.88	133	211	600	400

Application specific notes:

Also refer to general notes on page 1

NOTICE

METTLER TOLEDO	MTCT	Drawn	Zhang YongJun	2021/11/16	Scale	1:1	
METILER TOLEDO	CN-213125 ChangZhou	Change			Format	mt_A	, !
Refer to protection notice ISO 16016 / Schutzvermerk ISO 16016 beachten		Note	-		Replace	s -	•
Description IND500x 控制接线图		ERP NO.				E	RP Rev
Control Drawing IND500x		30595335					Α
External Design No.:	External Design Rev.: A	Status:	NOTApproved Ma	SS:	Unit	s:mm	15/15