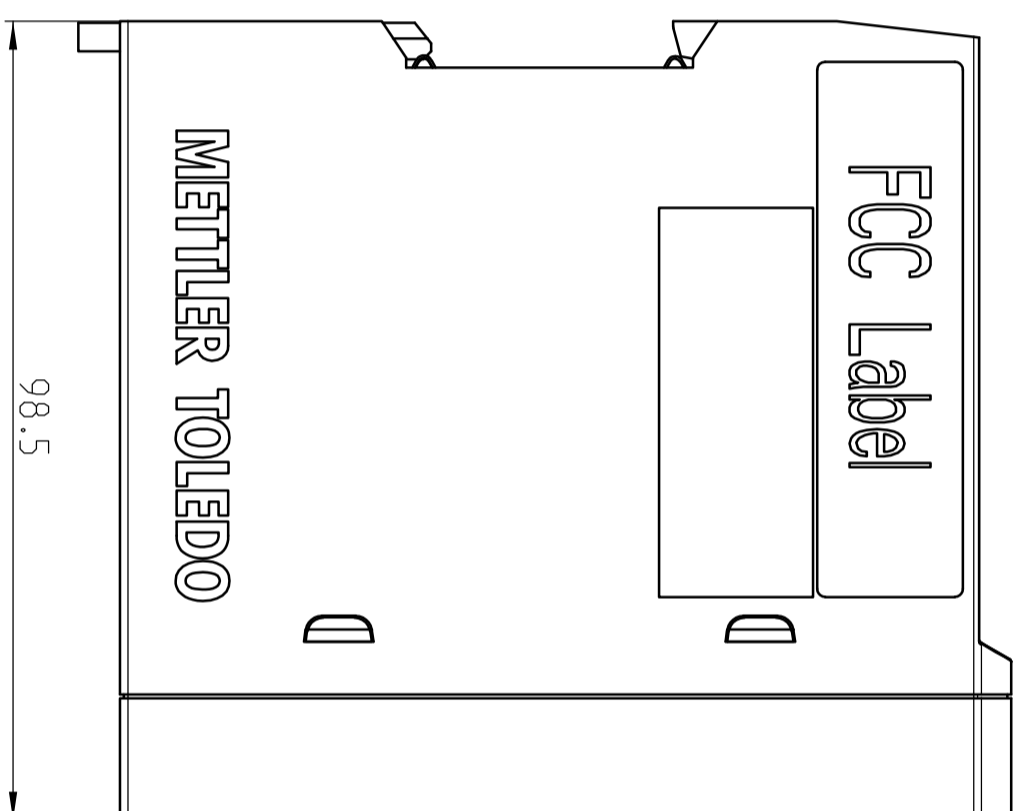


Pin	Signal
1	+24V
2	GND
3	RX-
4	RX+
5	TX-
6	TX+
7	RxD
8	TxD
9	GND

Wire Gage	AWG	mm <sup>2</sup>
Max.	14	2.075
Min.	30	0.051

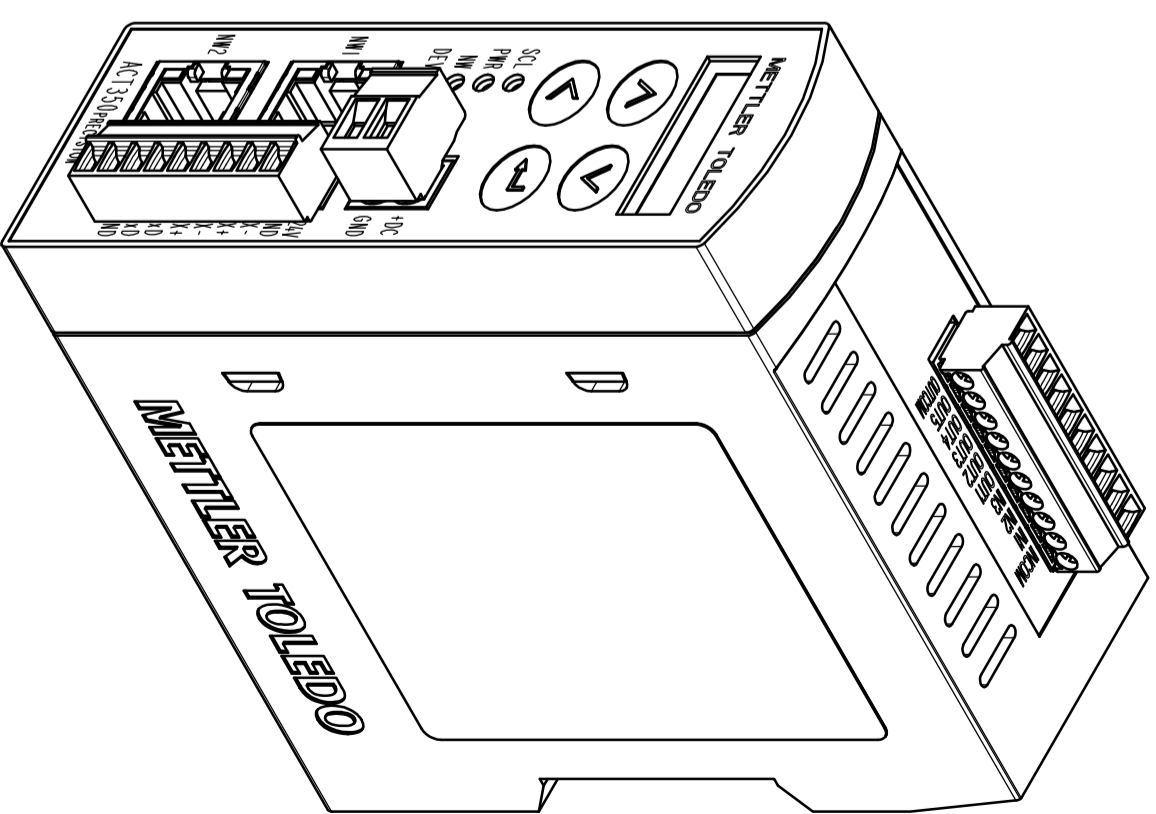
CONNECTOR TYPE: 3.5mm x 9  
CABLE MUST BE SHIELDED



Pin	Signal
1	IN COM
2	IN1
3	IN2
4	IN3
5	OUT1
6	OUT2
7	OUT3
8	OUT4
9	OUT5
10	OUT COM

Wire Gage	AWG	mm <sup>2</sup>
Max.	14	2.075
Min.	30	0.051

CONNECTOR TYPE: 3.5mm x 10  
CABLE MUST BE SHIELDED



Pin	Signal
1	+DC
2	GND

Wire Gage	AWG	mm <sup>2</sup>
Max.	12	3.33
Min.	30	0.051

CONNECTOR TYPE: 5mm x 2

Scale

Digital I/O

Power

<b>METTLER TOLEDO</b>		MTCZ		29-Sep-2018		Scale		1:1	
Refer to protection notice ISO 16016 / Schutzvermerk ISO 16016 beachten		CN-213022 ChangZhou		-		Format		D IN A3	
Description		Wiring Drawing ACT350PRECISION		No 30518263		Replaces		-	
Model: D000243815 Rev: B		Drawing: D000243815 Rev: B		Rev B		ERP No		ERP Rev	
Status:				Units: MM		1/2		ERP No	

When the Weigh Module or Scale is powered by ACT350 Precision with 24VDC

The Weigh Modules such as WKC (24VDC), PBK-9\_APW / PFK-9\_APW and SLF6 can be powered by ACT350 Precision directly.

ACT350 Precision Pin Assignment		Weigh Module Signal			APW products examples	
Pin No.	Signal	RS232	RS422	RS485*	PBK-9; PFK-9; SLF-6; WKC	Cable colors**
1	+24V	VDC	VDC	VDC		White
2	GND	GND	GND	GND		Brown
3	RX-		TX-	RS485-		Purple
4	RX+		TX+	RS485+		Orange
5	TX-		RX-	RS485-		Violet
6	TX+		RX+	RS485+		Black
7	RxD	TxD				Yellow
8	TxD	RxD				Pink
9	GND	GND+Shield	Shield	Shield		Red (RS232) Green (RS422)

Table 1: Pin Assignment and signals connection wiring scheme with 24VDC Power Supply

When the Weigh Module or Scale is powered externally with 12VDC

ACT350 Precision Pin Assignment		Weigh Module Signal			APW products examples					
Pin No.	Signal	RS232	RS422	RS485*	WKC	Cable colors**				
1	+24V	The external power source should be used for 12VDC Weigh Modules or Scale								
2	GND									
3	RX-						TX-	RS485-	Purple	
4	RX+						TX+	RS485+	Orange	
5	TX-						RX-	RS485-	Violet	
6	TX+						RX+	RS485+	Black	
7	RxD						TxD		Yellow	
8	TxD						RxD		Pink	
9	GND						GND+Shield	Shield	Shield	Red (RS232) Green (RS422)

Table 2: Pin Assignment and signals connection wiring scheme with 12VDC Power Supply

<b>METTLER TOLEDO</b>		Drawn	Xu, Yulun	29-Sep-2018	Scale	t1	
Refer to protection notice ISO 16016 / Schutzvermerk ISO 16016 beachten		Change	-	-	Format	DIN A3	
Description		Note	-	-	Replaces	-	
<b>Wiring Drawing ACT350PRECISION</b>		No	30518263		ERP No		
Model: D000243815 Rev: B		Rev	B				
Drawing: D000243815 Rev: B		Status:			Units: MM		ERP Rev
							2/2