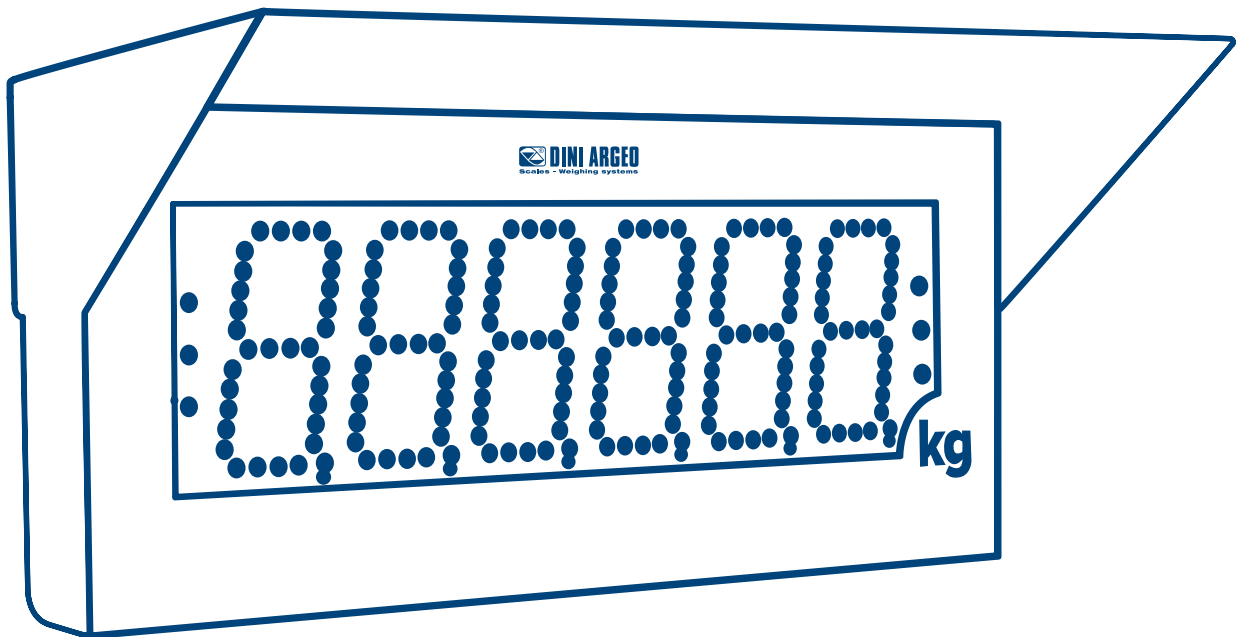


## Configuration of remote scale protocol with an indicator not from Dini Argeo

USER MANUAL

ENGLISH





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## Notes



## Introduction

This guide shows the parameters needed to configure on the DGT100/60R repeter in order to repeat the weight of not Dini Argeo indicators.

# Bilanciali Protocol

## Bilanciali indicator parameters

Function Mode = Cyclic ( Continuous Transmission)  
 String = CB  
 Baud Rate = 9600  
 Word lenght = 8  
 Parity Type = none  
 Stop Bits = 1

## DGT100R/60R Repeter parameters

« PC SEL » and « COM PC » parameters:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes
<b>PC SEL</b>				9) EMULATION CTS CHARACTERS (NCHRS)		100	
1) PC PORT		COM2/232		10) EMULATION CTS TIME (ms) (TIME)		300	
<b>COM PRN</b>				<b>COM PC</b>			
2) PR.MODE		PR-NO		11) PCMODE (MODE REPEATER)		W.REPE	
3) BAUD RATE (BAUD.PR)		9600		12) ADDRESS 485 (AD485)		1	
4) PARITY TYPE		NONE		13) BAUD RATE (BAUD)		9600	
5) WORD LENGHT		8 BIT		14) PARITY TYPE		NONE	
6) STOP BITS		1 BIT		15) WORD LENGHT		8 BIT	
7) PRINTER POWER SUPPLY (PWR.PRN)		PWR.EXT		16) STOP BITS		1 BIT	
8) CTS STATUS (PRN.CTS)		NO CTS					

« FONCTIONING MODE » and « MODE REPEATER » parameters:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes
<b>FUNCTIONING MODE</b>				17) UNIT (UNIT)	kg	37) W.REPE UNDER LOAD VALUE	0
1) FUNCT		REPE	18) DECIMALS (DECI)	0	38) W.REPE OVER LOAD BITMASK	0	
<b>GENERAL FUNCTION</b>				19) STABILITY READINGS (STAB)	10	39) W.REPE OVER LOAD BYTE POSITION	10
2) SCREEN SAVER (SCR.SAV)		0	20) STABILITY INTERVAL (STA.INT)	0	40) W. REPE OVER LOAD VALUE	0	
3) AUTO SWITCH OFF (AUTOFF)		0	21) MIN. TRESHOLD	-99999	41) ENABLE ADDRESS (ADD.EN)	NO	
<b>MODE MASTER</b>				22) MAX. TRESHOLD	999999	42) COMMUNICATION TIMEOUT (T.OUT)	1.5
4) NUMBER OF SLAVES (NUMSL)		13	23) W.REPE NET WEIGHT BITMASK	0			
5) LISTEN ONLY (LISTEN)		YES	24) W.REPE NET WEIGHT BYTE POSITION	0			
6) PRINT		NO	25) W.REPE NET WEIGHT VALUE	0			
7) PROTOCOL (PROTOC)		EXTEND	26) W.REPE NEGATIVE WEIGHT BITMASK	255			
8) CONNECTED SLAVES (T.KEYB)		KB.DGT	27) W.REPE NEGATIVE WEIGHT BYTE POSITION	1			
9) NUMBER OF DECIMALS (SUM.DEC)		0	28) W.REPE NEGATIVE WEIGHT VALUE	51			
10) UNIT OF MEASURE (SUM.UM)		g	29) W.REPE STABLE WEIGHT BITMASK	0			
11) SLAVES SUM DIVISION (SUM.DIV)		Not setted	30) W.REPE STABLE WEIGHT BYTE POSITION	0			
12) SLAVES SUM CAPACITY (SUM.MAX)		0	31) W.REPE STABLE WEIGHT VALUE	0			
<b>MODE REPEATER</b>				32) W.REPE ZERO WEIGHT BITMASK	0		
13) STRING TERMINATOR (TERM)		13	33) W.REPE ZERO WEIGHT BYTE POSITION	0			
14) WEIGHT START POSITION (WEI.POS)		2	34) W.REPE ZERO WEIGHT VALUE	0			
15) WEIGHT LENGHT IN THE STRING (WELEN)		5	35) W.REPE UNDER LOAD BITMASK	0			
16) STRING LENGHT (STRLEN)		7	36) W.REPE UNDER LOAD BYTE POSITION	0			



Configure the parameters: UNIT, DECI, MIN.T and MAX.T like that on the indicator Bilanciali.

## CONNECTIONS

**DGT60**  
**RS232**

**DB9-M**

RX →  
TX →  
GND →

TX  
RX  
GND

**DGT60**  
**RS485**

**DB9-M**

A+ →  
B- →

A+  
B-



# Bilanciali D410 - D800 Protocol

## Bilanciali D410 - D800 string parameters

Function Mode = Cyclic ( Continuous Transmission)  
 String = CB  
 Baud Rate = 9600  
 Word lenght = 8  
 Parity Type = none  
 Stop Bits = 1

## DGT100R/60R Repeter parameters

« PC SEL » and « COM PC » parameters:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes
<b>PC SEL</b>				9) EMULATION CTS CHARACTERS (NCHRS)		100	?
1) PC PORT		COM2/232	?	10) EMULATION CTS TIME (ms) (TIME)		300	?
<b>COM PRN</b>				<b>COM PC</b>			
2) PR.MODE		PR-NO	?	11) PCMODE (MODE REPEATER)		W.REPE	?
3) BAUD RATE (BAUD.PR)		9600	?	12) ADDRESS 485 (AD485)		1	?
4) PARITY TYPE		NONE	?	13) BAUD RATE (BAUD)		9600	?
5) WORD LENGHT		8 BIT	?	14) PARITY TYPE		NONE	?
6) STOP BITS		1 BIT	?	15) WORD LENGHT		8 BIT	?
7) PRINTER POWER SUPPLY (PWR.PRN)		PWR.EXT	?	16) STOP BITS		1 BIT	?
8) CTS STATUS (PRN.CTS)		NO CTS	?				

« FONCTIONING MODE » and « MODE REPEATER » parameters:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes	
<b>FUNCTIONING MODE</b>				17) UNIT (UNIT)	kg	37) W.REPE UNDER LOAD VALUE	0	?
1) FUNCT		REPE	?	18) DECIMALS (DECI)	0	38) W.REPE OVER LOAD BITMASK	4	?
<b>GENERAL FUNCTION</b>				19) STABILITY READINGS (STAB)	0	39) W.REPE OVER LOAD BYTE POSITION	25	?
2) SCREEN SAVER (SCR.SAV)		0	?	20) STABILITY INTERVAL (STA.INT)	0	40) W. REPE OVER LOAD VALUE	4	?
3) AUTO SWITCH OFF (AUTOFF)		0	?	21) MIN. TRESHOLD	-99999	41) ENABLE ADDRESS (ADD.EN)	NO	?
<b>MODE MASTER</b>				22) MAX. TRESHOLD	999999	42) COMMUNICATION TIMEOUT (T.OUT)	1.5	?
4) NUMBER OF SLAVES (NUMSL)		10	?	23) W.REPE NET WEIGHT BITMASK	255			
5) LISTEN ONLY (LISTEN)		NO	?	24) W.REPE NET WEIGHT BYTE POSITION	0			
6) PRINT		NO	?	25) W.REPE NET WEIGHT VALUE	36			
7) PROTOCOL (PROTOC)		NORMAL	?	26) W.REPE NEGATIVE WEIGHT BITMASK	0			
8) CONNECTED SLAVES (T.KEYB)		KB.DGT	?	27) W.REPE NEGATIVE WEIGHT BYTE POSITION	0			
9) NUMBER OF DECIMALS (SUM.DEC)		0	?	28) W.REPE NEGATIVE WEIGHT VALUE	0			
10) UNIT OF MEASURE (SUM.UM)		g	?	29) W.REPE STABLE WEIGHT BITMASK	2			
11) SLAVES SUM DIVISION (SUM.DIV)		Not settet	?	30) W.REPE STABLE WEIGHT BYTE POSITION	25			
12) SLAVES SUM CAPACITY (SUM.MAX)		0	?	31) W.REPE STABLE WEIGHT VALUE	2			
<b>MODE REPEATER</b>				32) W.REPE ZERO WEIGHT BITMASK	0			
13) STRING TERMINATOR (TERM)		10	?	33) W.REPE ZERO WEIGHT BYTE POSITION	0			
14) WEIGHT START POSITION (WEI.POS)		1	?	34) W.REPE ZERO WEIGHT VALUE	0			
15) WEIGHT LENGHT IN THE STRING (WELEN)		9	?	35) W.REPE UNDER LOAD BITMASK	0			
16) STRING LENGHT (STRLEN)		29	?	36) W.REPE UNDER LOAD BYTE POSITION	0			



Configure the parameters: UNIT, DECI, MIN.T and MAX.T like that on the indicator Bilanciali D410 - D800

## CONNECTIONS

### DGT60 RS232

RX →  
 TX →  
 GND →

### D410-D800

TX  
 RX  
 GND

### DGT60 RS485

A+ →  
 B- →

### D410-D800

A+  
 B-



# Bilanciali D410 Protocol

## Bilanciali D410 Protocol

Function Mode = Cyclic ( Continuous Transmission)  
 String = CB  
 Baud Rate = 9600  
 Word length = 8  
 Parity Type = none  
 Stop Bits = 1

## DGT100R/60R Parameters

« PC SEL » and « COM PC » parameters:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes
<b>PC SEL</b>				9) EMULATION CTS CHARACTERS (NCHRS)		100	
1) PC PORT		COM2/232		10) EMULATION CTS TIME (ms) (TIME)		300	
<b>COM PRN</b>				<b>COM PC</b>			
2) PR.MODE		PR-NO		11) PCMODE (MODE REPEATER)		W.REPE	
3) BAUD RATE (BAUD.PR)		9600		12) ADDRESS 485 (AD485)		1	
4) PARITY TYPE		NONE		13) BAUD RATE (BAUD)		9600	
5) WORD LENGHT		8 BIT		14) PARITY TYPE		NONE	
6) STOP BITS		1 BIT		15) WORD LENGHT		8 BIT	
7) PRINTER POWER SUPPLY (PWR.PRN)		PWR.EXT		16) STOP BITS		1 BIT	
8) CTS STATUS (PRN.CTS)		NO CTS					

« FONCTIONING MODE » and « MODE REPEATER » parameters:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes
<b>FUNCTIONING MODE</b>				17) UNIT (UNIT)	kg	37) W.REPE UNDER LOAD VALUE	0
1) FUNCT		REPE	18) DECIMALS (DECI)	0	38) W.REPE OVER LOAD BITMASK	4	
<b>GENERAL FUNCTION</b>				19) STABILITY READINGS (STAB)	0	39) W.REPE OVER LOAD BYTE POSITION	25
2) SCREEN SAVER (SCR.SAV)		0	20) STABILITY INTERVAL (STA.INT)	0	40) W. REPE OVER LOAD VALUE	4	
3) AUTO SWITCH OFF (AUTOFF)		0	21) MIN. TRESHOLD	-99999	41) ENABLE ADDRESS (ADD.EN)	NO	
<b>MODE MASTER</b>				22) MAX. TRESHOLD	999999	42) COMMUNICATION TIMEOUT (T.OUT)	1.5
4) NUMBER OF SLAVES (NUMSL)		10	23) W.REPE NET WEIGHT BITMASK	255			
5) LISTEN ONLY (LISTEN)		NO	24) W.REPE NET WEIGHT BYTE POSITION	0			
6) PRINT		NO	25) W.REPE NET WEIGHT VALUE	36			
7) PROTOCOL (PROTOC)		NORMAL	26) W.REPE NEGATIVE WEIGHT BITMASK	0			
8) CONNECTED SLAVES (T.KEYB)		KB.DGT	27) W.REPE NEGATIVE WEIGHT BYTE POSITION	0			
9) NUMBER OF DECIMALS (SUM.DEC)		0	28) W.REPE NEGATIVE WEIGHT VALUE	0			
10) UNIT OF MEASURE (SUM.UM)		g	29) W.REPE STABLE WEIGHT BITMASK	2			
11) SLAVES SUM DIVISION (SUM.DIV)		Not setted	30) W.REPE STABLE WEIGHT BYTE POSITION	25			
12) SLAVES SUM CAPACITY (SUM.MAX)		0	31) W.REPE STABLE WEIGHT VALUE	2			
<b>MODE REPEATER</b>				32) W.REPE ZERO WEIGHT BITMASK	0		
13) STRING TERMINATOR (TERM)		10	33) W.REPE ZERO WEIGHT BYTE POSITION	0			
14) WEIGHT START POSITION (WEI.POS)		1	34) W.REPE ZERO WEIGHT VALUE	0			
15) WEIGHT LENGHT IN THE STRING (WELEN)		9	35) W.REPE UNDER LOAD BITMASK	0			
16) STRING LENGHT (STRLEN)		29	36) W.REPE UNDER LOAD BYTE POSITION	0			



Configure the parameters: UNIT, DECI, MIN.T and MAX.T like that on the indicator Bilanciali D410.

## CONNECTIONS



# Mettler Toledo IND560 Protocol

## Mettler Toledo IND560 Parameters

Function Mode	=	Cyclic ( Continuous Transmission)
String	=	CB
Baud Rate	=	9600
Word length	=	8
Parity Type	=	none
Stop Bits	=	1

## DGT100R/60R Parameter

« PC SEL » and « COM PC » parameters:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes
<b>PC SEL</b>				9) EMULATION CTS CHARACTERS (NCHRS)		100	?
1) PC PORT		COM2/232	?	10) EMULATION CTS TIME (ms) (TIME)		300	?
<b>COM PRN</b>				<b>COM PC</b>			
2) PR.MODE		PR-NO	?	11) PCMODE (MODE REPEATER)		W.REPE	?
3) BAUD RATE (BAUD.PR)		9600	?	12) ADDRESS 485 (AD485)		1	?
4) PARITY TYPE		NONE	?	13) BAUD RATE (BAUD)		9600	?
5) WORD LENGHT		8 BIT	?	14) PARITY TYPE		NONE	?
6) STOP BITS		1 BIT	?	15) WORD LENGHT		8 BIT	?
7) PRINTER POWER SUPPLY (PWR.PRN)		PWR.EXT	?	16) STOP BITS		1 BIT	?
8) CTS STATUS (PRN.CTS)		NO CTS	?				

« FONCTIONING MODE » and « MODE REPEATER » parameters:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes
<b>FUNCTIONING MODE</b>				17) UNIT (UNIT)	kg	37) W.REPE UNDER LOAD VALUE	1
1) FUNCT		REPE	?	18) DECIMALS (DECI)	0	38) W.REPE OVER LOAD BITMASK	4
<b>GENERAL FUNCTION</b>				19) STABILITY READINGS (STAB)	0	39) W.REPE OVER LOAD BYTE POSITION	2
2) SCREEN SAVER (SCR.SAV)		0	?	20) STABILITY INTERVAL (STA.INT)	0	40) W. REPE OVER LOAD VALUE	4
3) AUTO SWITCH OFF (AUTOFF)		0	?	21) MIN. TRESHOLD	0	41) ENABLE ADDRESS (ADD.EN)	NO
<b>MODE MASTER</b>				22) MAX. TRESHOLD	999999	42) COMMUNICATION TIMEOUT (T.OUT)	1.5
4) NUMBER OF SLAVES (NUMSL)		0	?	23) W.REPE NET WEIGHT BITMASK	1		
5) LISTEN ONLY (LISTEN)		NO	?	24) W.REPE NET WEIGHT BYTE POSITION	2		
6) PRINT		YES	?	25) W.REPE NET WEIGHT VALUE	1		
7) PROTOCOL (PROTOC)		NORMAL	?	26) W.REPE NEGATIVE WEIGHT BITMASK	2		
8) CONNECTED SLAVES (T.KEYB)		KB.DGT	?	27) W.REPE NEGATIVE WEIGHT BYTE POSITION	2		
9) NUMBER OF DECIMALS (SUM.DEC)		0	?	28) W.REPE NEGATIVE WEIGHT VALUE	2		
10) UNIT OF MEASURE (SUM.UM)		g	?	29) W.REPE STABLE WEIGHT BITMASK	8		
11) SLAVES SUM DIVISION (SUM.DIV)		Not settled	?	30) W.REPE STABLE WEIGHT BYTE POSITION	2		
12) SLAVES SUM CAPACITY (SUM.MAX)		0	?	31) W.REPE STABLE WEIGHT VALUE	0		
<b>MODE REPEATER</b>				32) W.REPE ZERO WEIGHT BITMASK	64		
13) STRING TERMINATOR (TERM)		0	?	33) W.REPE ZERO WEIGHT BYTE POSITION	2		
14) WEIGHT START POSITION (WEI.POS)		5	?	34) W.REPE ZERO WEIGHT VALUE	0		
15) WEIGHT LENGHT IN THE STRING (WELEN)		6	?	35) W.REPE UNDER LOAD BITMASK	4		
16) STRING LENGHT (STRLEN)		17	?	36) W.REPE UNDER LOAD BYTE POSITION	2		



Configure the parameters: UNIT, DECI, MIN.T and MAX.T like that on the indicator Mettler Toledo IND560.

## CONNECTIONS

<b>DGT60</b>		<b>MT560</b>		<b>DGT60</b>		<b>MT560</b>
<b>RS232</b>				<b>RS485</b>		
RX	→	TX		A+	→	A+
TX	→	RX		B-	→	B-
GND	→	GND				





# Mettler Toledo IND780 Protocol

## Mettler Toledo IND780 Parameters

Function Mode	=	Cyclic (Continuous Transmission)
String	=	CB
Baud Rate	=	9600
Word length	=	8
Parity Type	=	none
Stop Bits	=	1

## DGT100R/60R Parameters

« PC SEL » and « COM PC » parameters:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes
<b>PC SEL</b>				9) EMULATION CTS CHARACTERS (NCHRS)		100	?
1) PC PORT		COM2/232	?	10) EMULATION CTS TIME (ms) (TIME)		300	?
<b>COM PRN</b>				<b>COM PC</b>			
2) PR.MODE		PR-NO	?	11) PCMODE (MODE REPEATER)		W.REPE	?
3) BAUD RATE (BAUD.PR)		9600	?	12) ADDRESS 485 (AD485)		1	?
4) PARITY TYPE		NONE	?	13) BAUD RATE (BAUD)		9600	?
5) WORD LENGHT		8 BIT	?	14) PARITY TYPE		NONE	?
6) STOP BITS		1 BIT	?	15) WORD LENGHT		8 BIT	?
7) PRINTER POWER SUPPLY (PWR.PRN)		PWR.EXT	?	16) STOP BITS		1 BIT	?
8) CTS STATUS (PRN.CTS)		NO CTS	?				

« FONCTIONING MODE » and « MODE REPEATER » parameters

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes		
<b>FUNCTIONING MODE</b>				17) UNIT (UNIT)	kg	?	37) W.REPE UNDER LOAD VALUE	1	?
1) FUNCT		REPE	?	18) DECIMALS (DECI)	0	?	38) W.REPE OVER LOAD BITMASK	4	?
<b>GENERAL FUNCTION</b>				19) STABILITY READINGS (STAB)	0	?	39) W.REPE OVER LOAD BYTE POSITION	2	?
2) SCREEN SAVER (SCR.SAV)		0	?	20) STABILITY INTERVAL (STA.INT)	0	?	40) W. REPE OVER LOAD VALUE	4	?
3) AUTO SWITCH OFF (AUTOFF)		0	?	21) MIN. TRESHOLD	0	?	41) ENABLE ADDRESS (ADD.EN)	NO	?
<b>MODE MASTER</b>				22) MAX. TRESHOLD	999999	?	42) COMMUNICATION TIMEOUT (T.OUT)	1.5	?
4) NUMBER OF SLAVES (NUMSL)		0	?	23) W.REPE NET WEIGHT BITMASK	1	?			
5) LISTEN ONLY (LISTEN)		NO	?	24) W.REPE NET WEIGHT BYTE POSITION	2	?			
6) PRINT		YES	?	25) W.REPE NET WEIGHT VALUE	1	?			
7) PROTOCOL (PROTOC)		EXTEND	?	26) W.REPE NEGATIVE WEIGHT BITMASK	2	?			
8) CONNECTED SLAVES (T.KEYB)		KB.DGT	?	27) W.REPE NEGATIVE WEIGHT BYTE POSITION	2	?			
9) NUMBER OF DECIMALS (SUM.DEC)		0	?	28) W.REPE NEGATIVE WEIGHT VALUE	2	?			
10) UNIT OF MEASURE (SUM.UM)		g	?	29) W.REPE STABLE WEIGHT BITMASK	8	?			
11) SLAVES SUM DIVISION (SUM.DIV)		Not settled	?	30) W.REPE STABLE WEIGHT BYTE POSITION	2	?			
12) SLAVES SUM CAPACITY (SUM.MAX)		0	?	31) W.REPE STABLE WEIGHT VALUE	0	?			
<b>MODE REPEATER</b>				32) W.REPE ZERO WEIGHT BITMASK	64	?			
13) STRING TERMINATOR (TERM)		0	?	33) W.REPE ZERO WEIGHT BYTE POSITION	2	?			
14) WEIGHT START POSITION (WEI.POS)		4	?	34) W.REPE ZERO WEIGHT VALUE	0	?			
15) WEIGHT LENGHT IN THE STRING (WELEN)		6	?	35) W.REPE UNDER LOAD BITMASK	4	?			
16) STRING LENGHT (STRLEN)		18	?	36) W.REPE UNDER LOAD BYTE POSITION	2	?			



Configure the parameters: UNIT, DECI, MIN.T and MAX.T like that on the indicator Mettler Toledo IND780.

## CONNECTIONS

<b>DGT60</b>		<b>IND780</b>		<b>DGT60</b>		<b>IND780</b>
<b>RS232</b>				<b>RS485</b>		
RX	→	TX		A+	→	A+
TX	→	RX		B-	→	B-
GND	→	GND				



# Precia Molen\_A indicator Protocol + I400 indicator

## Precia Molen parameters

Function Mode	=	Continuous string
Baud Rate	=	1200
Word Length	=	7
Parity	=	e
Fluss control	=	1

**String:** <01><09>01<02>040600<02>0100003.1kg <02>0200000.0kg <02>0300003.1kg 09<0D><0A>

## DGT100R/60R parameters

« PC SEL » and « COM PC » parameters:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes
<b>PC SEL</b>				9) EMULATION CTS CHARACTERS (NCHRS)		100	?
1) PC PORT		COM2/232	?	10) EMULATION CTS TIME (ms) (TIME)		300	?
<b>COM PRN</b>				<b>COM PC</b>			
2) PR.MODE		PR-NO	?	11) PCMODE (MODE REPEATER)		W.REPE	?
3) BAUD RATE (BAUD.PR)		1200	?	12) ADDRESS 485 (AD485)		1	?
4) PARITY TYPE		EVEN	?	13) BAUD RATE (BAUD)		1200	?
5) WORD LENGHT		7 BIT	?	14) PARITY TYPE		EVEN	?
6) STOP BITS		1 BIT	?	15) WORD LENGHT		7 BIT	?
7) PRINTER POWER SUPPLY (PWR.PRN)		PWR.EXT	?	16) STOP BITS		1 BIT	?
8) CTS STATUS (PRN.CTS)		NO CTS	?				

« FONCTIONING MODE » and « MODE REPEATER » parameters:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes		
<b>FUNCTIONING MODE</b>				17) UNIT (UNIT)	kg	?	37) W.REPE UNDER LOAD VALUE	1	?
1) FUNCT		REPE	?	18) DECIMALS (DECI)	0	?	38) W.REPE OVER LOAD BITMASK	3	?
<b>GENERAL FUNCTION</b>				19) STABILITY READINGS (STAB)	0	?	39) W.REPE OVER LOAD BYTE POSITION	9	?
2) SCREEN SAVER (SCR.SAV)		0	?	20) STABILITY INTERVAL (STA.INT)	0	?	40) W. REPE OVER LOAD VALUE	2	?
3) AUTO SWITCH OFF (AUTOFF)		0	?	21) MIN. TRESHOLD	-99999	?	41) ENABLE ADDRESS (ADD.EN)	NO	?
<b>MODE MASTER</b>				22) MAX. TRESHOLD	999999	?	42) COMMUNICATION TIMEOUT (T.OUT)	1.5	?
4) NUMBER OF SLAVES (NUMSL)		10	?	23) W.REPE NET WEIGHT BITMASK	3	?			
5) LISTEN ONLY (LISTEN)		NO	?	24) W.REPE NET WEIGHT BYTE POSITION	10	?			
6) PRINT		NO	?	25) W.REPE NET WEIGHT VALUE	2	?			
7) PROTOCOL (PROTOC)		EXTEND	?	26) W.REPE NEGATIVE WEIGHT BITMASK	8	?			
8) CONNECTED SLAVES (T.KEYB)			?	27) W.REPE NEGATIVE WEIGHT BYTE POSITION	7	?			
9) NUMBER OF DECIMALS (SUM.DEC)		0	?	28) W.REPE NEGATIVE WEIGHT VALUE	8	?			
10) UNIT OF MEASURE (SUM.UM)		g	?	29) W.REPE STABLE WEIGHT BITMASK	2	?			
11) SLAVES SUM DIVISION (SUM.DIV)		Not setted	?	30) W.REPE STABLE WEIGHT BYTE POSITION	8	?			
12) SLAVES SUM CAPACITY (SUM.MAX)		0	?	31) W.REPE STABLE WEIGHT VALUE	2	?			
<b>MODE REPEATER</b>				32) W.REPE ZERO WEIGHT BITMASK	8	?			
13) STRING TERMINATOR (TERM)		10	?	33) W.REPE ZERO WEIGHT BYTE POSITION	9	?			
14) WEIGHT START POSITION (WEI.POS)		40	?	34) W.REPE ZERO WEIGHT VALUE	8	?			
15) WEIGHT LENGHT IN THE STRING (WELEN)		7	?	35) W.REPE UNDER LOAD BITMASK	3	?			
16) STRING LENGHT (STRLEN)		53	?	36) W.REPE UNDER LOAD BYTE POSITION	9	?			



Configure the parameters: UNIT, DECI, MIN.T and MAX.T like that on the indicator Precia Molen.

## CONNECTIONS



# Precia Molen\_A Indicator Protocol + I200 and I300 indicator

## Precia Molen parameters

Function Mode = Continuous string  
 Baud Rate = 1200  
 Word Length = 7  
 Parity = e  
 Fluss control = 1

Protocol Blocks:

- 4: Status
- 1: Gross Weight
- 2: Tare Weight
- 3: Net Weight
- 5: Capacity
- 99: Alibi DSD value

**String:** <01><02>040202<02>01040500.kg <02>02013500.kg <02>03027000.kg <02>0500<02>990000031<0D><0A>

## DGT100R/60R parameters

« PC SEL » and « COM PC » parameters:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes
<b>PC SEL</b>				9) EMULATION CTS CHARACTERS (NCHRS)		100	?
1) PC PORT		COM2/232	?	10) EMULATION CTS TIME (ms) (TIME)		300	?
<b>COM PRN</b>				<b>COM PC</b>			
2) PR.MODE		PR-NO	?	11) PCMODE (MODE REPEATER)		W.REPE	?
3) BAUD RATE (BAUD.PR)		1200	?	12) ADDRESS 485 (AD485)		1	?
4) PARITY TYPE		EVEN	?	13) BAUD RATE (BAUD)		1200	?
5) WORD LENGHT		7 BIT	?	14) PARITY TYPE		EVEN	?
6) STOP BITS		1 BIT	?	15) WORD LENGHT		7 BIT	?
7) PRINTER POWER SUPPLY (PWR.PRN)		PWR.EXT	?	16) STOP BITS		1 BIT	?
8) CTS STATUS (PRN.CTS)		NO CTS	?				

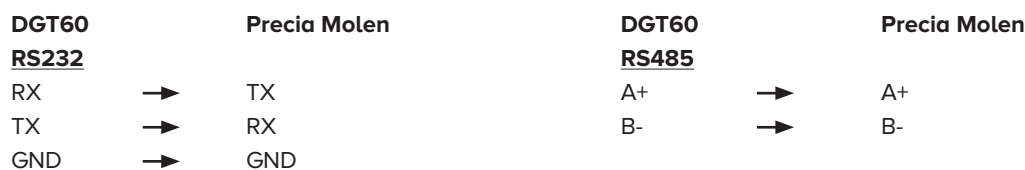
« FONCTIONING MODE » and « MODE REPEATER » parameters:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes
<b>FUNCTIONING MODE</b>			17) UNIT (UNIT)	kg	37) W.REPE UNDER LOAD VALUE	1	
1) FUNCT	REPE		18) DECIMALS (DECI)	0	38) W.REPE OVER LOAD BITMASK	3	
<b>GENERAL FUNCTION</b>			19) STABILITY READINGS (STAB)	0	39) W.REPE OVER LOAD BYTE POSITION	6	
2) SCREEN SAVER (SCR.SAV)	0		20) STABILITY INTERVAL (STA.INT)	0	40) W. REPE OVER LOAD VALUE	2	
3) AUTO SWITCH OFF (AUTOFF)	0		21) MIN. TRESHOLD	-99999	41) ENABLE ADDRESS (ADD.EN)	NO	
<b>MODE MASTER</b>			22) MAX. TRESHOLD	999999	42) COMMUNICATION TIMEOUT (T.OUT)	1.5	
4) NUMBER OF SLAVES (NUMSL)	10		23) W.REPE NET WEIGHT BITMASK	3			
5) LISTEN ONLY (LISTEN)	NO		24) W.REPE NET WEIGHT BYTE POSITION	7			
6) PRINT	YES		25) W.REPE NET WEIGHT VALUE	2			
7) PROTOCOL (PROTOC)	NORMAL		26) W.REPE NEGATIVE WEIGHT BITMASK	8			
8) CONNECTED SLAVES (T.KEYB)	KB.DFKR		27) W.REPE NEGATIVE WEIGHT BYTE POSITION	4			
9) NUMBER OF DECIMALS (SUM.DEC)	0		28) W.REPE NEGATIVE WEIGHT VALUE	8			
10) UNIT OF MEASURE (SUM.UM)	g		29) W.REPE STABLE WEIGHT BITMASK	2			
11) SLAVES SUM DIVISION (SUM.DIV)	Not setted		30) W.REPE STABLE WEIGHT BYTE POSITION	5			
12) SLAVES SUM CAPACITY (SUM.MAX)	0		31) W.REPE STABLE WEIGHT VALUE	2			
<b>MODE REPEATER</b>			32) W.REPE ZERO WEIGHT BITMASK	8			
13) STRING TERMINATOR (TERM)	10		33) W.REPE ZERO WEIGHT BYTE POSITION	6			
14) WEIGHT START POSITION (WEI.POS)	37		34) W.REPE ZERO WEIGHT VALUE	8			
15) WEIGHT LENGHT IN THE STRING (WELEN)	7		35) W.REPE UNDER LOAD BITMASK	3			
16) STRING LENGHT. (STRLEN)	63		36) W.REPE UNDER LOAD BYTE POSITION	6			



Configure the parameters: UNIT, DECI, MIN.T and MAX.T like that on the indicator Precia Molen.

CONNECTIONS



# Precia Molen\_ABC Protocol

## Precia Molen parameters

Funtion Mode	=	Continuous string
Baud Rate	=	9600
Word Lenght	=	7
Parity	=	e
Fluss control	=	1

## DGT100R/60R parameters

« PC SEL » and « COM PC » parameters »:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes
<b>PC SEL</b>				9) EMULATION CTS CHARACTERS (NCHRS)		100	
1) PC PORT		COM2/232		10) EMULATION CTS TIME (ms) (TIME)		300	
<b>COM PRN</b>				<b>COM PC</b>			
2) PR.MODE		PR-NO		11) PCMODE (MODE REPEATER)		W.REPE	
3) BAUD RATE (BAUD.PR)		9600		12) ADDRESS 485 (AD485)		1	
4) PARITY TYPE		EVEN		13) BAUD RATE (BAUD)		9600	
5) WORD LENGHT		7 BIT		14) PARITY TYPE		EVEN	
6) STOP BITS		1 BIT		15) WORD LENGHT		7 BIT	
7) PRINTER POWER SUPPLY (PWR.PRN)		PWR.EXT		16) STOP BITS		1 BIT	
8) CTS STATUS (PRN.CTS)		NO CTS					

FONCTIONING MODE » and « MODE REPEATER » parameters:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes
<b>FUNCTIONING MODE</b>				17) UNIT (UNIT)	kg	37) W.REPE UNDER LOAD VALUE	0
1) FUNCT		REPE	18) DECIMALS (DECI)	0	38) W.REPE OVER LOAD BITMASK	0	
<b>GENERAL FUNCTION</b>				19) STABILITY READINGS (STAB)	1	39) W.REPE OVER LOAD BYTE POSITION	0
2) SCREEN SAVER (SCR.SAV)		0	20) STABILITY INTERVAL (STA.INT)	0	40) W. REPE OVER LOAD VALUE	0	
3) AUTO SWITCH OFF (AUTOFF)		0	21) MIN. TRESHOLD	-99999	41) ENABLE ADDRESS (ADD.EN)	NO	
<b>MODE MASTER</b>				22) MAX. TRESHOLD	999999	42) COMMUNICATION TIMEOUT (T.OUT)	1.5
4) NUMBER OF SLAVES (NUMSL)		10	23) W.REPE NET WEIGHT BITMASK	255			
5) LISTEN ONLY (LISTEN)		NO	24) W.REPE NET WEIGHT BYTE POSITION	7			
6) PRINT		YES	25) W.REPE NET WEIGHT VALUE	50			
7) PROTOCOL (PROTOC)		NORMAL	26) W.REPE NEGATIVE WEIGHT BITMASK	255			
8) CONNECTED SLAVES (T.KEYB)		KB.DFKR	27) W.REPE NEGATIVE WEIGHT BYTE POSITION	4			
9) NUMBER OF DECIMALS (SUM.DEC)		0	28) W.REPE NEGATIVE WEIGHT VALUE	60			
10) UNIT OF MEASURE (SUM.UM)		g	29) W.REPE STABLE WEIGHT BITMASK	0			
11) SLAVES SUM DIVISION (SUM.DIV)		Not setted	30) W.REPE STABLE WEIGHT BYTE POSITION	5			
12) SLAVES SUM CAPACITY (SUM.MAX)		0	31) W.REPE STABLE WEIGHT VALUE	2			
<b>MODE REPEATER</b>				32) W.REPE ZERO WEIGHT BITMASK	255		
13) STRING TERMINATOR (TERM)		10	33) W.REPE ZERO WEIGHT BYTE POSITION	6			
14) WEIGHT START POSITION (WEI.POS)		37	34) W.REPE ZERO WEIGHT VALUE	56			
15) WEIGHT LENGHT IN THE STRING (WELEN)		7	35) W.REPE UNDER LOAD BITMASK	0			
16) STRING LENGHT (STRLEN)		55	36) W.REPE UNDER LOAD BYTE POSITION	0			



Configure the parameters: UNIT, DECI, MIN.T and MAX.T like that on the indicator Precia Molen.

## CONNECTIONS

### DGT60 RS232

RX	→	TX
TX	→	RX
GND	→	GND

### Precia Molen

### DGT60 RS485

A+	→	A+
B-	→	B-

### Precia Molen



# ADN pesage Protocol

## ADN pesage Parameters

Baud Rate	=	9600
Word Length	=	8
Parity	=	none
Stop Bit	=	1

## DGT100R/60R parameters

« PC SEL » and « COM PC » parameters »:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes
<b>PC SEL</b>				9) EMULATION CTS CHARACTERS (NCHRS)		100	
1) PC PORT		COM2/232		10) EMULATION CTS TIME (ms) (TIME)		300	
<b>COM PRN</b>				<b>COM PC</b>			
2) PR.MODE		PR-NO		11) PCMODE (MODE REPEATER)		W.REPE	
3) BAUD RATE (BAUD.PR)		9600		12) ADDRESS 485 (AD485)		1	
4) PARITY TYPE		NONE		13) BAUD RATE (BAUD)		9600	
5) WORD LENGHT		8 BIT		14) PARITY TYPE		EVEN	
6) STOP BITS		1 BIT		15) WORD LENGHT		8 BIT	
7) PRINTER POWER SUPPLY (PWR.PRN)		PWR.EXT		16) STOP BITS		1 BIT	
8) CTS STATUS (PRN.CTS)		NO CTS					

FONCTIONING MODE » and « MODE REPEATER » parameters:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes
<b>FUNCTIONING MODE</b>				17) UNIT (UNIT)	kg	37) W.REPE UNDER LOAD VALUE	0
1) FUNCT		REPE	18) DECIMALS (DECI)	0	38) W.REPE OVER LOAD BITMASK	0	
<b>GENERAL FUNCTION</b>				19) STABILITY READINGS (STAB)	10	39) W.REPE OVER LOAD BYTE POSITION	0
2) SCREEN SAVER (SCR.SAV)		0	20) STABILITY INTERVAL (STA.INT)	6	40) W. REPE OVER LOAD VALUE	0	
3) AUTO SWITCH OFF (AUTOFF)		0	21) MIN. TRESHOLD	-99999	41) ENABLE ADDRESS (ADD.EN)	NO	
<b>MODE MASTER</b>				22) MAX. TRESHOLD	999999	42) COMMUNICATION TIMEOUT (T.OUT)	1.5
4) NUMBER OF SLAVES (NUMSL)		13	23) W.REPE NET WEIGHT BITMASK	0			
5) LISTEN ONLY (LISTEN)		NO	24) W.REPE NET WEIGHT BYTE POSITION	0			
6) PRINT		NO	25) W.REPE NET WEIGHT VALUE	0			
7) PROTOCOL (PROTOC)		EXTEND	26) W.REPE NEGATIVE WEIGHT BITMASK	0			
8) CONNECTED SLAVES (T.KEYB)		KB.DGT	27) W.REPE NEGATIVE WEIGHT BYTE POSITION	0			
9) NUMBER OF DECIMALS (SUM.DEC)		0	28) W.REPE NEGATIVE WEIGHT VALUE	0			
10) UNIT OF MEASURE (SUM.UM)		g	29) W.REPE STABLE WEIGHT BITMASK	0			
11) SLAVES SUM DIVISION (SUM.DIV)		Not settled	30) W.REPE STABLE WEIGHT BYTE POSITION	0			
12) SLAVES SUM CAPACITY (SUM.MAX)		0	31) W.REPE STABLE WEIGHT VALUE	0			
<b>MODE REPEATER</b>				32) W.REPE ZERO WEIGHT BITMASK	0		
13) STRING TERMINATOR (TERM)		13	33) W.REPE ZERO WEIGHT BYTE POSITION	0			
14) WEIGHT START POSITION (WEI.POS)		0	34) W.REPE ZERO WEIGHT VALUE	0			
15) WEIGHT LENGHT IN THE STRING (WELLEN)		6	35) W.REPE UNDER LOAD BITMASK	0			
16) STRING LENGHT (STRLEN)		6	36) W.REPE UNDER LOAD BYTE POSITION	0			



Configure the parameters: UNIT, DECI, MIN.T and MAX.T like that on the indicator ADN.

## CONNECTIONS

**DGT60**  
**RS232**

**ADN**

RX	→	TX
TX	→	RX
GND	→	GND

**DGT60**  
**RS485**

**ADN**

A+	→	A+
B-	→	B-



# Arpege MasterK Protocol

## Arpege Masterk Protocol

Function Mode = Continuous string  
 Baud = 9600  
 n. = 7  
 Parity = e  
 Fluss control = 1

## DGT100R/60R parameters

« PC SEL » and « COM PC » parameters »:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes
<b>PC SEL</b>				9) EMULATION CTS CHARACTERS (NCHRS)		100	
1) PC PORT		COM2/232		10) EMULATION CTS TIME (ms) (TIME)		300	
<b>COM PRN</b>				<b>COM PC</b>			
2) PR.MODE		PR-NO		11) PCMODE (MODE REPEATER)		W.REPE	
3) BAUD RATE (BAUD.PR)		9600		12) ADDRESS 485 (AD485)		1	
4) PARITY TYPE		EVEN		13) BAUD RATE (BAUD)		9600	
5) WORD LENGHT		7 BIT		14) PARITY TYPE		NONE	
6) STOP BITS		1 BIT		15) WORD LENGHT		8 BIT	
7) PRINTER POWER SUPPLY (PWR.PRN)		PWR.EXT		16) STOP BITS		1 BIT	
8) CTS STATUS (PRN.CTS)		NO CTS					

« FONCTIONING MODE » and « MODE REPEATER » parameters:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes
<b>FUNCTIONING MODE</b>				17) UNIT (UNIT)	kg	37) W.REPE UNDER LOAD VALUE	0
1) FUNCT		REPE	18) DECIMALS (DECI)	0	38) W.REPE OVER LOAD BITMASK	0	
<b>GENERAL FUNCTION</b>				19) STABILITY READINGS (STAB)	0	39) W.REPE OVER LOAD BYTE POSITION	0
2) SCREEN SAVER (SCR.SAV)		0	20) STABILITY INTERVAL (STA.INT)	0	40) W. REPE OVER LOAD VALUE	0	
3) AUTO SWITCH OFF (AUTOFF)		0	21) MIN. TRESHOLD	-99999	41) ENABLE ADDRESS (ADD.EN)	NO	
<b>MODE MASTER</b>				22) MAX. TRESHOLD	999999	42) COMMUNICATION TIMEOUT (T.OUT)	1.5
4) NUMBER OF SLAVES (NUMSL)		0	23) W.REPE NET WEIGHT BITMASK	0			
5) LISTEN ONLY (LISTEN)		NO	24) W.REPE NET WEIGHT BYTE POSITION	0			
6) PRINT		NO	25) W.REPE NET WEIGHT VALUE	0			
7) PROTOCOL (PROTOC)		NORMAL	26) W.REPE NEGATIVE WEIGHT BITMASK	0			
8) CONNECTED SLAVES (T.KEYB)		KB.DGT	27) W.REPE NEGATIVE WEIGHT BYTE POSITION	0			
9) NUMBER OF DECIMALS (SUM.DEC)		0	28) W.REPE NEGATIVE WEIGHT VALUE	0			
10) UNIT OF MEASURE (SUM.UM)		g	29) W.REPE STABLE WEIGHT BITMASK	0			
11) SLAVES SUM DIVISION (SUM.DIV)		Not settled	30) W.REPE STABLE WEIGHT BYTE POSITION	0			
12) SLAVES SUM CAPACITY (SUM.MAX)		0	31) W.REPE STABLE WEIGHT VALUE	0			
<b>MODE REPEATER</b>				32) W.REPE ZERO WEIGHT BITMASK	0		
13) STRING TERMINATOR (TERM)		0	33) W.REPE ZERO WEIGHT BYTE POSITION	0			
14) WEIGHT START POSITION (WEI.POS)		1	34) W.REPE ZERO WEIGHT VALUE	0			
15) WEIGHT LENGHT IN THE STRING (WELEN)		6	35) W.REPE UNDER LOAD BITMASK	0			
16) STRING LENGHT (STRLEN)		10	36) W.REPE UNDER LOAD BYTE POSITION	0			

**i** Configure the parameters: UNIT, DECI, MIN.T and MAX.T like that on the indicator Arpege MasterK ,if the weight have a decimal, modify the parameter WEI.LEB=7, STE.LEN=11.

## CONNECTIONS

<b>DGT60</b>		<b>ARPEGE MASTERK</b>		<b>DGT60</b>		<b>ARPEGE MASTERK</b>
<b>RS232</b>				<b>RS485</b>		
RX	→	TX		A+	→	A+
TX	→	RX		B-	→	B-
GND	→	GND				



# Arpege MasterK model Harmony Protocol

## Arpege MasterK model Harmony Protocol

Function Mode	=	Continuous string
Baud	=	9600
n.	=	7
Parity	=	e
Fluss control	=	1

## DGT100R/60R parameters

« PC SEL » and « COM PC » parameters »:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes
<b>PC SEL</b>				9) EMULATION CTS CHARACTERS (NCHRS)		100	?
1) PC PORT		COM2/232	?	10) EMULATION CTS TIME (ms) (TIME)		300	?
<b>COM PRN</b>				<b>COM PC</b>			
2) PR.MODE		PR-NO	?	11) PCMODE (MODE REPEATER)		W.REPE	?
3) BAUD RATE (BAUD.PR)		9600	?	12) ADDRESS 485 (AD485)		1	?
4) PARITY TYPE		NONE	?	13) BAUD RATE (BAUD)		9600	?
5) WORD LENGHT		8 BIT	?	14) PARITY TYPE		NONE	?
6) STOP BITS		1 BIT	?	15) WORD LENGHT		8 BIT	?
7) PRINTER POWER SUPPLY (PWR.PRN)		PWR.EXT	?	16) STOP BITS		1 BIT	?
8) CTS STATUS (PRN.CTS)		NO CTS	?				

« FONCTIONING MODE » and « MODE REPEATER » parameters:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes		
<b>FUNCTIONING MODE</b>				17) UNIT (UNIT)	kg	?	37) W.REPE UNDER LOAD VALUE	0	?
1) FUNCT		REPE	?	18) DECIMALS (DECI)	0	?	38) W.REPE OVER LOAD BITMASK	0	?
<b>GENERAL FUNCTION</b>				19) STABILITY READINGS (STAB)	0	?	39) W.REPE OVER LOAD BYTE POSITION	0	?
2) SCREEN SAVER (SCR.SAV)		0	?	20) STABILITY INTERVAL (STA.INT)	0	?	40) W. REPE OVER LOAD VALUE	0	?
3) AUTO SWITCH OFF (AUTOFF)		0	?	21) MIN. TRESHOLD	-99999	?	41) ENABLE ADDRESS (ADD.EN)	NO	?
<b>MODE MASTER</b>				22) MAX. TRESHOLD	999999	?	42) COMMUNICATION TIMEOUT (T.OUT)	1.5	?
4) NUMBER OF SLAVES (NUMSL)		22	?	23) W.REPE NET WEIGHT BITMASK	0	?			
5) LISTEN ONLY (LISTEN)		NO	?	24) W.REPE NET WEIGHT BYTE POSITION	0	?			
6) PRINT		NO	?	25) W.REPE NET WEIGHT VALUE	0	?			
7) PROTOCOL (PROTOC)		NORMAL	?	26) W.REPE NEGATIVE WEIGHT BITMASK	0	?			
8) CONNECTED SLAVES (T.KEYB)		KB.DGT	?	27) W.REPE NEGATIVE WEIGHT BYTE POSITION	0	?			
9) NUMBER OF DECIMALS (SUM.DEC)		0	?	28) W.REPE NEGATIVE WEIGHT VALUE	0	?			
10) UNIT OF MEASURE (SUM.UM)		g	?	29) W.REPE STABLE WEIGHT BITMASK	0	?			
11) SLAVES SUM DIVISION (SUM.DIV)		Not setted	?	30) W.REPE STABLE WEIGHT BYTE POSITION	0	?			
12) SLAVES SUM CAPACITY (SUM.MAX)		0	?	31) W.REPE STABLE WEIGHT VALUE	0	?			
<b>MODE REPEATER</b>				32) W.REPE ZERO WEIGHT BITMASK	0	?			
13) STRING TERMINATOR (TERM)		22	?	33) W.REPE ZERO WEIGHT BYTE POSITION	0	?			
14) WEIGHT START POSITION (WEI.POS)		1	?	34) W.REPE ZERO WEIGHT VALUE	0	?			
15) WEIGHT LENGHT IN THE STRING (WELEN)		6	?	35) W.REPE UNDER LOAD BITMASK	0	?			
16) STRING LENGHT (STRLEN)		9	?	36) W.REPE UNDER LOAD BYTE POSITION	0	?			

**i** Configure the parameters: UNIT, DECI, MIN.T and MAX.T like that on the indicator Arpege MasterK Harmony, if the weight have a decimal, modify the parameter WEI.LEB=7, STE.LEN=10.

## CONNECTIONS

<b>DGT60</b>		<b>ARPEGE MASTERK H</b>		<b>DGT60</b>		<b>ARPEGE MASTERK H</b>
<b>RS232</b>				<b>RS485</b>		
RX	→	TX		A+	→	A+
TX	→	RX		B-	→	B-
GND	→	GND				





# EXA CYBER Protocol

## EXA CYBER Parameters

Function Mode = Continuous string  
 Frequence = 2  
 Ripetitore = ON Ur  
 Baud Rate = 9600  
 Word lenght = 8  
 Parity = none  
 Stop Bit = 1

## DGT100R/60R parameters

« PC SEL » and « COM PC » parameters »:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes
<b>PC SEL</b>				9) EMULATION CTS CHARACTERS (NCHRS)		100	
1) PC PORT		COM2/232		10) EMULATION CTS TIME (ms) (TIME)		300	
<b>COM PRN</b>				<b>COM PC</b>			
2) PR.MODE		PR-NO		11) PCMODE (MODE REPEATER)		W.REPE	
3) BAUD RATE (BAUD.PR)		9600		12) ADDRESS 485 (AD485)		1	
4) PARITY TYPE		NONE		13) BAUD RATE (BAUD)		9600	
5) WORD LENGHT		8 BIT		14) PARITY TYPE		NONE	
6) STOP BITS		1 BIT		15) WORD LENGHT		8 BIT	
7) PRINTER POWER SUPPLY (PWR.PRN)		PWR.EXT		16) STOP BITS		1 BIT	
8) CTS STATUS (PRN.CTS)		NO CTS					

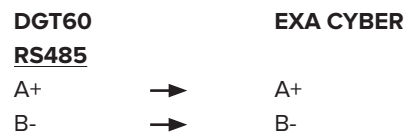
« FONCTIONING MODE » and « MODE REPEATER » parameters:

F.MODE	GENERAL SETUP	SERIAL	PRINTER CONFIGURATION	OUTPUTS/INPUTS	SETPOINTS	ANALOG OUTPUT	Notes
<b>FUNCTIONING MODE</b>				17) UNIT (UNIT)	kg	37) W.REPE UNDER LOAD VALUE	0
1) FUNCT		REPE	18) DECIMALS (DECI)	0	38) W.REPE OVER LOAD BITMASK	0	
<b>GENERAL FUNCTION</b>				19) STABILITY READINGS (STAB)	0	39) W.REPE OVER LOAD BYTE POSITION	0
2) SCREEN SAVER (SCR.SAV)		0	20) STABILITY INTERVAL (STA.INT)	0	40) W. REPE OVER LOAD VALUE	0	
3) AUTO SWITCH OFF (AUTOFF)		0	21) MIN. TRESHOLD	-99999	41) ENABLE ADDRESS (ADD.EN)	NO	
<b>MODE MASTER</b>				22) MAX. TRESHOLD	999999	42) COMMUNICATION TIMEOUT (T.OUT)	1.5
4) NUMBER OF SLAVES (NUMSL)		13	23) W.REPE NET WEIGHT BITMASK	33			
5) LISTEN ONLY (LISTEN)		NO	24) W.REPE NET WEIGHT BYTE POSITION	2			
6) PRINT		YES	25) W.REPE NET WEIGHT VALUE	33			
7) PROTOCOL (PROTOC)		EXTEND	26) W.REPE NEGATIVE WEIGHT BITMASK	34			
8) CONNECTED SLAVES (T.KEYB)		KB.DGT	27) W.REPE NEGATIVE WEIGHT BYTE POSITION	2			
9) NUMBER OF DECIMALS (SUM.DEC)		0	28) W.REPE NEGATIVE WEIGHT VALUE	34			
10) UNIT OF MEASURE (SUM.UM)		g	29) W.REPE STABLE WEIGHT BITMASK	0			
11) SLAVES SUM DIVISION (SUM.DIV)		Not settled	30) W.REPE STABLE WEIGHT BYTE POSITION	0			
12) SLAVES SUM CAPACITY (SUM.MAX)		0	31) W.REPE STABLE WEIGHT VALUE	0			
<b>MODE REPEATER</b>				32) W.REPE ZERO WEIGHT BITMASK	0		
13) STRING TERMINATOR (TERM)		13	33) W.REPE ZERO WEIGHT BYTE POSITION	0			
14) WEIGHT START POSITION (WEI.POS)		4	34) W.REPE ZERO WEIGHT VALUE	0			
15) WEIGHT LENGHT IN THE STRING (WELEN)		6	35) W.REPE UNDER LOAD BITMASK	0			
16) STRING LENGHT (STRLEN)		16	36) W.REPE UNDER LOAD BYTE POSITION	0			



Configure the parameters: UNIT, DECI, MIN.T and MAX.T like that on the indicator EXA CYBER.

## CONNECTIONS





Handwriting lines for notes.



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The individual in charge of the scale operation must ensure that all safety regulations in force in the country of use are applied, ensuring that the appliance is used in accordance with the purpose it is intended for and to avoid any danger for the user.

The Manufacturer declines any liability arising from any weighing operation errors.





Authorised service centre stamp

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