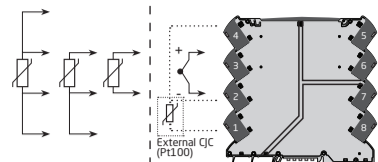


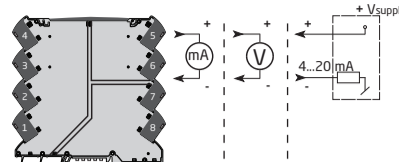
RTD	TC, J & K
RTD	TC, J & K
RTD	TC, J & K
WTH	TE, J & K



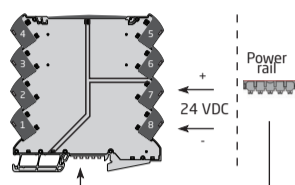
	+	-	CJC	Type
1,2 & 3,4	1,2 & 3	2 & 3	Y*	3101
1,2 & 3,4	1,2 & 3	2 & 3	N	3102
1,2 & 3,4	1,2 & 3	2 & 3	Y	3111
1,2 & 3,4	1,2 & 3	2 & 3	N	3112
1,2 & 3,4	1,2 & 3	2 & 3	Y	3113
1,2 & 3,4	1,2 & 3	2 & 3	Y	3331
1,2 & 3,4	1,2 & 3	2 & 3	N	3333
1,2 & 3,4	1,2 & 3	2 & 3	Y	3337

*3101 only internal CJC

Strøm	Spænding	Loop
Current	Voltage	Loop
Courant	Tension	Boucle
Strom	Spannung	Schleife



	HART	+	-	+	-	+	-
3101	N	5	6	5	6	-	-
3102	N	5	6	5	6	-	-
3111	N	5	6	5	6	-	-
3112	N	5	6	5	6	-	-
3113	Y	5	6	-	-	-	-
3331	N	-	-	-	-	5	6
3333	N	-	-	-	-	5	6
3337	Y	-	-	-	-	5	6



	Terminal	Power rail
3101	7 B	+
3102	7 B	+
3111	7 B	✓
3111-N	7 B	+
3112	7 B	✓
3112-N	7 B	+
3113	7 B	✓
3113-N	7 B	+

DK Programming UK Programming FR Programmation DE Programmierung

Forsyning til enheden skal afbrydes, før ændringer i DIP-switch-indstillinger træder i kraft.

Power must be cycled after DIP-switch positions are changed.

Il faut mettre l'appareil sous tension pour valider la position des commutateurs.

Wenn die DIP-Schalter verändert werden, muss das Gerät neu gestartet werden - Versorgung abklemmen und wieder anschließen.

3101

Sensor S1123	TC J	TC K				
Sensor Error Detection S17	None	Enable				
Output S1456	0...20 mA	4...20 mA	0...10 V	2...10 V	0...5 V	1...5 V
Output Error Level S18	Downscale	Upscale				
Noise Supp.S19	50 Hz	60 Hz				
Resp.T. S110	< 30 ms	300 ms				

● = ON

3111

Sensor S1123	TC J (Int. CJC)	TC K (Int. CJC)	TC J (Ext. CJC)	TC K (Ext. CJC)		
Sensor Error Detection S17	None	Enable				
Output S1456	0...20 mA	4...20 mA	0...10 V	2...10 V	0...5 V	1...5 V
Output Error Level S18	Downscale	Upscale				
Noise Supp.S19	50 Hz	60 Hz				
Resp.T. S110	< 30 ms	300 ms				

● = ON

3337

Sensor S1123	Pt100, 2w	Pt100, 3w	Pt100, 4w	TC J (Int. CJC)	TC K (Int. CJC)	TC J (Ext. CJC)	TC K (Ext. CJC)
Sensor Error Detection S17	None	Enable					
Output S1456	0...20 mA	4...20 mA	20...4 mA				
Output Error Level S18	Downscale	Upscale					
Noise Supp.S19	50 Hz	60 Hz					
Config. S110	DIP	HART					

● = ON

3102

Sensor S1123	Pt100, 2w	Pt100, 3w	Pt100, 4w			
Sensor Error Detection S17	None	Enable				
Output S1456	0...20 mA	4...20 mA	0...10 V	2...10 V	0...5 V	1...5 V
Output Error Level S18	Downscale	Upscale				
Noise Supp.S19	50 Hz	60 Hz				
Resp.T. S110	< 30 ms	300 ms				

● = ON

3112

Sensor S1123	Pt100, 2w	Pt100, 3w	Pt100, 4w			
Sensor Error Detection S17	None	Enable				
Output S1456	0...20 mA	4...20 mA	0...10 V	2...10 V	0...5 V	1...5 V
Output Error Level S18	Downscale	Upscale				
Noise Supp.S19	50 Hz	60 Hz				
Resp.T. S110	< 30 ms	300 ms				

● = ON

3331

Sensor S1123	Pt100, 2w	Pt100, 3w	Pt100, 4w	TC J (Int. CJC)	TC K (Int. CJC)	TC J (Ext. CJC)	TC K (Ext. CJC)
Sensor Error Detection S17	None	Enable					
Output S1456	0...20 mA	4...20 mA	20...4 mA				
Output Error Level S18	Downscale	Upscale					
Noise Supp.S19	50 Hz	60 Hz					
Resp.T. S110	< 30 ms	300 ms					

● = ON

3113

Sensor S1123	Pt100, 2w	Pt100, 3w	Pt100, 4w	TC J (Int. CJC)	TC K (Int. CJC)	TC J (Ext. CJC)	TC K (Ext. CJC)
Sensor Error Detection S17	None	Enable					
Output S1456	0...20 mA	4...20 mA	20...4 mA				
Output Error Level S18	Downscale	Upscale					
Noise Supp.S19	50 Hz	60 Hz					
Config. S110	DIP	HART					

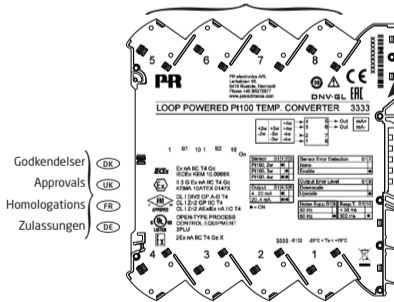
● = ON

3333

Sensor S1123	Pt100, 2w	Pt100, 3w	Pt100, 4w
Sensor Error Detection S17	None	Enable	
Output S1456	0...20 mA	4...20 mA	20...4 mA
Output Error Level S18	Downscale	Upscale	
Noise Supp.S19	50 Hz	60 Hz	
Resp.T. S110	< 30 ms	300 ms	

● = ON

UK Klemmenumre UK Terminal numbers FR Numéros des borniers DE Klemmennummer



- DK Typennr.
- UK Type no.
- FR No. de type
- DE Typennr.
- DK Benforbindelser
- UK Pin connections
- FR Raccordement des bornes
- DE Klemmenanschluss
- DK DIP-switchindstillinger
- UK DIP-switch settings
- FR Positions des commutateurs
- DE DIP-Schalteneinstellungen

EU DECLARATION OF CONFORMITY

(3xxxDoC_103)

As manufacturer PR electronics A/S, Lerbakken 10, DK-8410 Rønde hereby declares that the following product:
 Type: 31xx, 32xx, 33xx and 34xx
 Name: 6 mm temperature transmitters and signal devices
 From serial no.: 160805769

is in conformity with the following directives and standards:

The EMC Directive 2014/30/EU and later amendments
 EN 61326-1 : 2013
 Immunity test requirements for equipment intended to be used in an industrial electromagnetic environment. For specification of the acceptable EMC performance level, refer to the electrical specifications for the device.

The Low Voltage Directive 2014/35/EU and later amendments
 EN 61010-1 : 2010

*The ATEX Directive 2014/34/EU and later amendments
 EN 60079-0 : 2018, EN 60079-7 : 2015 + A1 : 2018 and EN 60079-15 : 2019
 ATEX certificate: KEHA 10ATEX0147 X

The RoHS2 Directive 2011/65/EU and later amendments
 EN 50591 : 2012

Rønde, 23 February 2021

Stig Lindemann
 Stig Lindemann, CTO
 Manufacturer's signature

*Does not apply to 3105

Part Name	Hazardous Substances					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr (VI))	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
Printed circuit board	X	0	0	0	0	0

This table is prepared in accordance with the provisions of SJ/T 11364
 0: Indicates that said hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement of GB/T 26572.
 X: Indicates that said hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement of GB/T 26572.

The product's Environmentally Friendly Use Period (EFUP) is 50 years