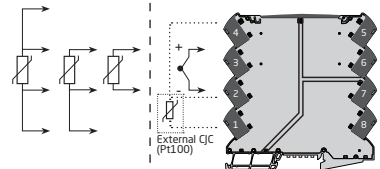


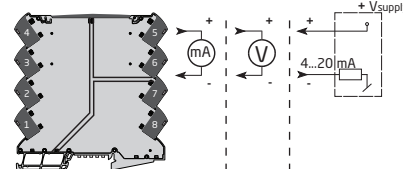
RTD	TC, J & K
RTD	TC, J & K
RTD	TC, J & K
WTH	TE, J & K



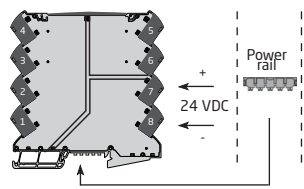
		CJC		Type	
		+	-		
1,2 & 3,4	1,2 & 3	2 & 3	-	N	3101
1,2 & 3,4	1,2 & 3	2 & 3	-	N	3102
1,2 & 3,4	1,2 & 3	2 & 3	-	N	3111
1,2 & 3,4	1,2 & 3	2 & 3	-	N	3112
1,2 & 3,4	1,2 & 3	2 & 3	-	N	3113
1,2 & 3,4	1,2 & 3	2 & 3	-	N	3331
1,2 & 3,4	1,2 & 3	2 & 3	-	N	3333
1,2 & 3,4	1,2 & 3	2 & 3	-	N	3337

*3101 only internal CJC

Strøm	Spænding	Loop
Current	Voltage	Loop
Virta	Jännite	2-j-piiri
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	8		+
3102		7	8		+
3111		7	8		+
3111-N		7	8		+
3112		7	8		+
3112-N		7	8		+
3113		7	8		+
3113-N		7	8		+

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

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

FIN Ohjelointi Jos asettelut on tehty apujännitteen ollessa kytkettyinä, tulee uudet asetelut käyttöö, kun laitteen apujännite kytketään pois ja uudelleen päälle.

DE Programmierung 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	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	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	4...20 mA	20...4 mA					
Output Error Level S18	Downscale	Upscale					
Noise Supp.S19	50 Hz	60 Hz					
Config. S110	DIP	HART					

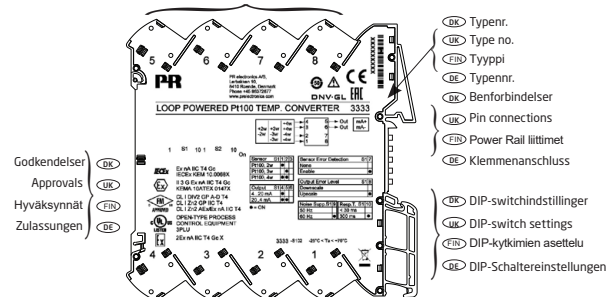
● = ON

3333

Sensor S1123	Pt100, 2w	Pt100, 3w	Pt100, 4w
Sensor Error Detection S17	None	Enable	
Output S1456	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
FIN Litinumerot FIN Klemmennummer



DK Typennr. UK Type no. FIN Tyypit DE Typennr.
DK Benforbindelser UK Pin connections FIN Klemmenanschluss DE Klemmenanschluss
DK DIP-switchindstillinger UK DIP-switch settings FIN DIP-kytkimien asettelu DE DIP-Schaltereinstellungen

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 50581 : 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