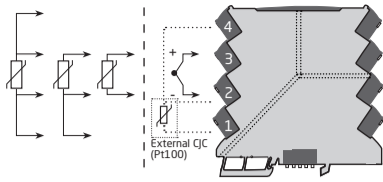




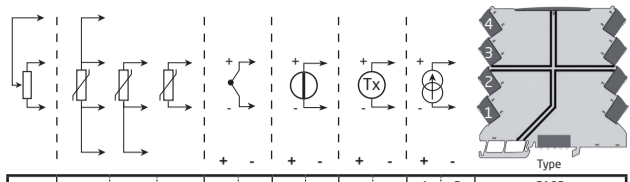
RTD	TC, J & K
RTD	TC, J & K
RTD	TC, J & K
WTH	TE, J & K

Potentiometer	RTD	TC	Spænding	Tx	Strøm
Potentiometer	RTD	TC	Voltage	Tx	Current
Potentiomètre	RTD	TC	Tension	Tx	Courant
Potentiometer	WTH	TE	Spannung	Tx	Strom



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

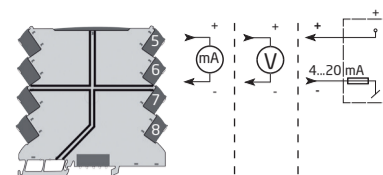
\*3101 only internal CJC



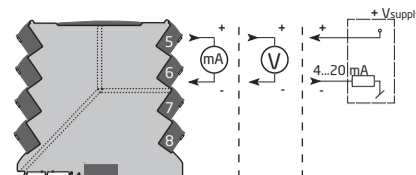
		+	-	+	-	+	-	+	-	Type			
				3	4	3	4	4	3	3103			
				3	4			4	3	3104			
								4	3	3105			
								4	3	3108			
						3	4	3	4	3	3109		
2,3 & 4	1,2 & 3,4	1,2 & 3	2 & 3	1	2	4	2	4	3	3	2	3114	
						3	4	4	3			3117	
						3	4	4	3			3118	
								4	2	3	1	3185 (1/2 ch)	
								4	2	3	1	3186A (1/2 ch)	
								3	1	1	4	2	3186B (1/2 ch)

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

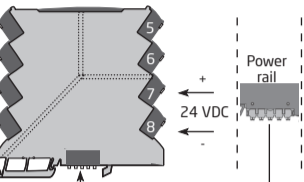
Strøm	Spænding	Loop
Current	Voltage	Loop
Courant	Tension	Boucle
Strom	Spannung	Schleife



		+	-	+	-	+	-
3103		5	6	-	-		
3104		5	6	5	6		
3105		5	6	5	6		
3108 (1/2 ch)		5/2	6/1	-	-		
3109 (1/2 ch)		5/2	6/1	5/2	6/1		
3114		5	6	5	6		
3117		5	6	5	6		
3118 (1/2 ch)		5/2	6/1	5/2	6/1		
3185 (1/2 ch)		5/7	6/8	-	-		
3186 (1/2 ch)		-	-	-	-	5/7	6/8



		+	-	+	-	+	-	+	-
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		



		+	-	
3101		7	8	N
3102		7	8	N
3103		7	8	Y
3104		7	8	Y
3105		7	8	Y
3108 (1/2 ch)		7	8	Y
3109 (1/2 ch)		7	8	Y
3111		7	8	Y
3112		7	8	Y
3113		7	8	Y
3114		7	8	Y
3117		7	8	Y
3118 (1/2 ch)		7	8	Y
3405		7	8	Y

DECLARATION OF CONFORMITY

(3xxxDoC\_102)

As manufacturer  
PR electronics A/S, Lerbakken 10, DK-8410 Rende  
hereby declares that the following product:  
Type: 31xx, 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 60079-0:2012 + A11:2013 and EN 60079-15:2010  
ATEX certificate: KEMA 10ATEX0147 X

The RoHS2 Directive 2011/65/EU and later amendments  
EN 50581:2012

Rende, 3 January 2017

*S. Lindemann*  
Stig Lindemann, CTO  
Manufacturer's signature

\*Does not apply to 3105

3101

Sensor S11 2 3	Sensor Error Detection S17
TC J	None
TC K	Enable
Output S14 5 6	Output Error Level S18
0...20 mA	Downscale
4...20 mA	Upscale
0...10 V	Noise Supp. S19
2...10 V	50 Hz
0...5 V	< 30 ms
1...5 V	60 Hz
	Resp. T. S110
	< 300 ms

● = ON

3111

Sensor S11 2 3	Sensor Error Detection S17
TC J (Int. CJC)	None
TC K (Int. CJC)	Enable
TC J (Ext. CJC)	
TC K (Ext. CJC)	
Output S14 5 6	Output Error Level S18
0...20 mA	Downscale
4...20 mA	Upscale
0...10 V	Noise Supp. S19
2...10 V	50 Hz
0...5 V	< 30 ms
1...5 V	60 Hz
	Resp. T. S110
	< 300 ms

● = ON

3118

Filter  
 On  
 Off

In	Out 1	Out 2
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● = ON

3102

Sensor S11 2 3	Sensor Error Detection S17
Pt100, 2w	None
Pt100, 3w	Enable
Pt100, 4w	
Output S14 5 6	Output Error Level S18
0...20 mA	Downscale
4...20 mA	Upscale
0...10 V	Noise Supp. S19
2...10 V	50 Hz
0...5 V	< 30 ms
1...5 V	60 Hz
	Resp. T. S110
	< 300 ms

● = ON

3112

Sensor S11 2 3	Sensor Error Detection S17
Pt100, 2w	None
Pt100, 3w	Enable
Pt100, 4w	
Output S14 5 6	Output Error Level S18
0...20 mA	Downscale
4...20 mA	Upscale
0...10 V	Noise Supp. S19
2...10 V	50 Hz
0...5 V	< 30 ms
1...5 V	60 Hz
	Resp. T. S110
	< 300 ms

● = ON

3331

Sensor S11 2 3	Sensor Error Detection S17
Pt100, 2w	None
Pt100, 3w	Enable
Pt100, 4w	
TC J (Int. CJC)	
TC K (Int. CJC)	
TC J (Ext. CJC)	
TC K (Ext. CJC)	
Output S14 5 6	Output Error Level S18
4...20 mA	Downscale
20...4 mA	Upscale
	Noise Supp. S19
	50 Hz
	< 30 ms
	60 Hz
	Resp. T. S110
	< 300 ms

● = ON

3104

In	Out
----	-----

● = ON

3113

Sensor S11 2 3	Sensor Error Detection S17
Pt100, 2w	None
Pt100, 3w	Enable
Pt100, 4w	
TC J (Int. CJC)	
TC K (Int. CJC)	
TC J (Ext. CJC)	
TC K (Ext. CJC)	
Output S14 5 6	Output Error Level S18
4...20 mA	Downscale
20...4 mA	Upscale
	Noise Supp. S19
	50 Hz
	< 30 ms
	60 Hz
	Config. S110
	DIP
	HART

● = ON

3333

Sensor S11 2 3	Sensor Error Detection S17
Pt100, 2w	None
Pt100, 3w	Enable
Pt100, 4w	
Output S14 5 6	Output Error Level S18
4...20 mA	Downscale
20...4 mA	Upscale
	Noise Supp. S19
	50 Hz
	< 30 ms
	60 Hz
	Resp. T. S110
	< 300 ms

● = ON

3105

In	Out
----	-----

● = ON

3117

Filter  
 On  
 Off

In	Out
----	-----

● = ON

3337

Sensor S11 2 3	Sensor Error Detection S17
Pt100, 2w	None
Pt100, 3w	Enable
Pt100, 4w	
TC J (Int. CJC)	
TC K (Int. CJC)	
TC J (Ext. CJC)	
TC K (Ext. CJC)	
Output S14 5 6	Output Error Level S18
4...20 mA	Downscale
20...4 mA	Upscale
	Noise Supp. S19
	50 Hz
	< 30 ms
	60 Hz
	Config. S110
	DIP
	HART

● = ON

3109

In	Out 1	Out 2
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● = ON