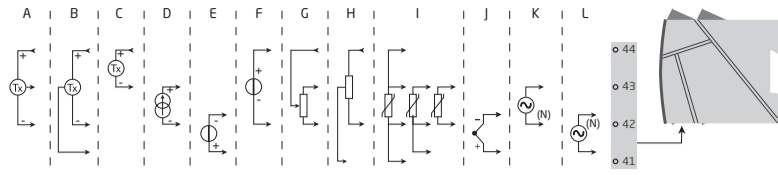


DK Indgangssignaler UK Input signals FR Signaux d'entrée DE Eingangssignale



	DK	UK	FR	DE	4104	4114	4116	4131	4179	4184
A	3-tråds Tx, strøm	3-wire current Tx	Tx de courant 3-fils	3-Draht Tx, Strom	x					x
B	3-tråds Tx, spænding	3-wire voltage Tx	Tx de tension 3-fils	3-Draht Tx, Spannung	x					x
C	2-tråds Tx	2-wire Tx	Tx 2-fils	2-Draht Tx	x	x	x	x	x	x
D	Strøm, DC	DC current	Courant cc	DC-Strom	x	x	x	x	x	x
E	Spænding, DC	DC voltage	Tension cc	DC-Spannung	x	x	x	x	x	x
F	Spænding, DC	DC voltage	Tension cc	DC-Spannung		x	x	x		
G	Potentiometer	Potentiometer	Potentiomètre	Potentiometer		x	x	x		
H	Potentiometer	Potentiometer	Potentiomètre	Potentiometer						x
I	RTD og lin. R	RTD and lin. R	RTD et R lin.	WTH und lin. R		x	x	x		
J	TC	TC	TC	TE		x	x	x		
K	Strøm, AC	AC current	Courant ca	AC-Strom						x
L	Spænding, AC	AC voltage	Tension ca	AC-Spannung						x

DK Sideskilt UK Side label FR Etiquette DE Typenschild

Typenr. 4116
 No. de type
 Typennr.

Produktionsår fremgår af de to første cifre i serienummeret
 Year of manufacture can be taken from the first two digits in the serial number.
 L'année de production est définie grâce aux deux premiers chiffres du numéro de série.
 Die ersten beiden Ziffern der Seriennummer geben das Produktionsjahr an.

PR electronics A/S, Lerbakken 10, 8410 Rønde
 www.pronics.com, www.pronics.com
 Phone +45 887 2877, Denmark 4188802

DNV-GL
 -20°C ≤ T_a ≤ +60°C

21: output	RET N.O. 230VMS DA 000VA	31: supply	04-230VDC/105-160A
22: output	RET N.O. 230VDC 1A	32:	
23: output	RET N.O. 230VMS DA 000VA	33: supply	04-230VAC/0A-40Hz/2.5W
24: output	RET N.O. 230VDC 1A		

41: input TC 120mA
 42: input TC 120mA
 43: input TC 120mA
 44: input TC 120mA

11: output
 12: output
 13: output
 14: output

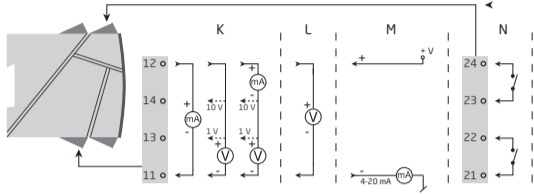
Attention! Read Manual before installation / operation.
 Lire Manuel avant installation / opération.

Suitable for installation in Class I, Div 2 Group A-D T5 or Class I, Zone 2, Group IIC T5

UNIVERSAL TRANSMITTER 4116

DK Benfordindelser
 UK Pin connections
 FR Raccordement des bornes
 DE Klemmenanschluss
 DK Godkendelser
 UK Approvals
 FR Homologations
 DE Zulassungen

DK Udgangssignaler UK Output signals FR Signaux de sortie DE Ausgangssignale



	DK	UK	FR	DE	4104	4114	4116	4131	4179	4184
K	Strøm / spænding	Current / voltage	Courant / tension	Strom / Spannung	x	x	x		x	x
L	Bufferet spænding	Buffered voltage	Tension direct	Gepufferter Spannung						x
M	2-tråds strøm	2-wire current	Courant 2-fils	2-draht Strom	x				x	x
N	Relæer	Relays	Relais	Relais			x	x		

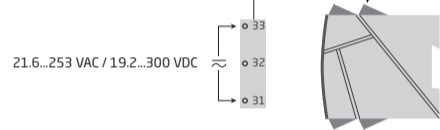
DK Kina RoHS UK China RoHS FR RoHS chinois DE China-RoHS

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

DK Forsyning UK Supply FR Alimentation DE Versorgung



EU DECLARATION OF CONFORMITY (4104DoC_102)



EU DECLARATION OF CONFORMITY (4114DoC_102)



EU DECLARATION OF CONFORMITY (4116DoC_102)



EU DECLARATION OF CONFORMITY (4131DoC_102)



As manufacturer
PR electronics A/S, Lerbakken 10, DK-8410 Rønde
 hereby declares that the following product:
Type: 4104
Name: Universal uni- / bipolar signal transmitter
 From serial no.: 161868240
 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 RoHS2 Directive 2011/65/EU and later amendments
EN 50581 : 2012

Stig Lindemann, CTO
 Manufacturer's signature

Rønde, 31 August 2017

As manufacturer
PR electronics A/S, Lerbakken 10, DK-8410 Rønde
 hereby declares that the following product:
Type: 4114
Name: Universal transmitter
 From serial no.: 161891511
 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 RoHS2 Directive 2011/65/EU and later amendments
EN 50581 : 2012

Stig Lindemann, CTO
 Manufacturer's signature

Rønde, 31 August 2017

As manufacturer
PR electronics A/S, Lerbakken 10, DK-8410 Rønde
 hereby declares that the following product:
Type: 4116
Name: Universal transmitter
 From serial no.: 161832830
 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 RoHS2 Directive 2011/65/EU and later amendments
EN 50581 : 2012

Stig Lindemann, CTO
 Manufacturer's signature

Rønde, 31 August 2017

As manufacturer
PR electronics A/S, Lerbakken 10, DK-8410 Rønde
 hereby declares that the following product:
Type: 4131
Name: Universal trip amplifier
 From serial no.: 161958077
 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 RoHS2 Directive 2011/65/EU and later amendments
EN 50581 : 2012

Stig Lindemann, CTO
 Manufacturer's signature

Rønde, 31 August 2017

EU DECLARATION OF CONFORMITY (4179DoC_100)



EU DECLARATION OF CONFORMITY (4184DoC_100)



As manufacturer
PR electronics A/S, Lerbakken 10, DK-8410 Rønde
 hereby declares that the following product:
Type: 4179
Name: Universal AC / DC transmitter
 From serial no.: 171925001
 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 RoHS2 Directive 2011/65/EU and later amendments
EN 50581 : 2012

Stig Lindemann, CTO
 Manufacturer's signature

Rønde, 21 August 2017

As manufacturer
PR electronics A/S, Lerbakken 10, DK-8410 Rønde
 hereby declares that the following product:
Type: 4184
Name: Universal uni-/bipolar signal transmitter
 From serial no.: 171994001
 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 RoHS2 Directive 2011/65/EU and later amendments
EN 50581 : 2012

Stig Lindemann, CTO
 Manufacturer's signature

Rønde, 9 November 2017