IPF ELECTRONIC

DATA SHEET **VYR90270** • Subject to alteration! Version: 03.05.2019

VYR90270

CONNECTION TECHNOLOGY • SIGNAL INVERTERS

MECHANICAL DATA

Ambient temperature	-10 °C ... 60 °C
Degree of protection (IP)	IP67
Housing material	Aluminium
Mounting method	Direct mounting
Positioning of cable feed, field side	Angled
Positioning of cable feed, housing side	Straight

ELECTRICAL DATA

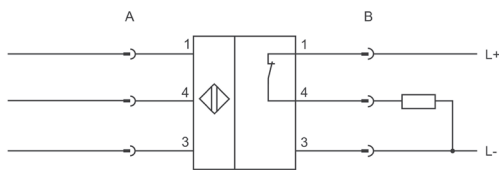|	
Clock function, starting with break, variable	No
Clock function, starting with pulse, variable	No
Function flashing, starting with break, fixed time	No
Function flashing, starting with pulse, fixed time	No
Function on-delay	No
Max. output current	0.3 A
Number of outputs, delayed, change-over contact	0
Number of outputs, delayed, normally closed contact	0
Number of outputs, delayed, normally open contact	0
Number of outputs, undelayed, change-over contact	0
Number of outputs, undelayed, normally closed contact	1
Number of outputs, undelayed, normally open contact	0
Number of pins of the connector	3
Number of pins of the coupling	3
Number of switching outputs	1
OFF pulse function	No
Off-delayed function	No
ON pulse function	No
Operating voltage	10 V ... 36 V
Outputs, delayed/undelayed selectable	No
Pluggable on contactor	No
Pulse shaping function	No
Rated control supply voltage Us at DC	10 V ... 36 V

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ELECTRICAL DATA

Reverse polarity protection	Yes
Short-circuit-proof	Yes
Star-delta function	No
Switching frequency	5000 Hz
Type of electrical connection, field side	M8
Type of electrical connection, housing side	M8
Type of plug-in contact, field side	Female (socket)
Type of plug-in contact, housing side	Male (plug)
Type of switching function	Breaker contact
Voltage type	DC
With inversion	Yes
With plug-in socket	No
With semiconductor output	Yes

OTHER DATA

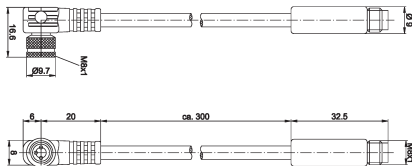|	
Remote operation possible	No
Suitable only for remote control	No

CONNECTION

Colors: A: 1 = BN (brown), 3 = BU (blue), 4 = BK (black)
B: 1 = BN (brown), 3 = BU (blue), 4 = BK (black)**Functions:** A: 1 = L+, 3 = L-, 4 = PNP NO
B: 1 = L+, 3 = L-, 4 = PNP NC

DIMENSIONAL DRAWING

INSTALLATION

Mounting / Installation may only be carried out by a qualified electrician!

DISPOSAL

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SAFETY WARNINGS

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!