

**VYR90270**

**CONNECTION TECHNOLOGY • SIGNAL INVERTERS**



**MECHANICAL DATA**

Ambient temperature (MAX)	60 °C
Ambient temperature (MIN)	-10 °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 (MAX)	36 V
Operating voltage (MIN)	10 V
Outputs, delayed/undelayed selectable	No
Pluggable on contactor	No

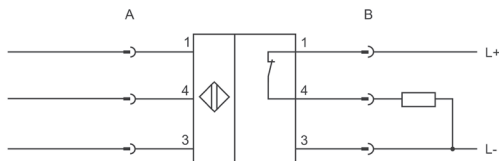
## ELECTRICAL DATA

Pulse shaping function	No
Rated control supply voltage $U_s$ at DC (MAX)	36 V
Rated control supply voltage $U_s$ at DC (MIN)	10 V
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

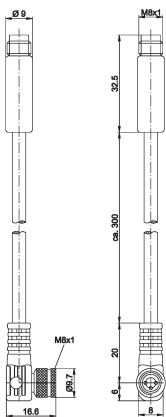


**Colors:** A: 1 = BN (brown), 3 = BU (blue), 4 = BK (black)

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

## DISPOSAL



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



## SAFETY WARNINGS

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

Never use these devices in applications where the safety of a person depends on their functionality.