



# Electronics and sensors | Signal transmitters

## Signal converters M8 / signal inverter M8

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CONVERT SENSOR SIGNALS INDEPENDENT OF ROBOT CONTROLLER



#### Product notes

- > Signal converter/signal inverter comes in two types:
  - PNP inverter 20.530 for grippers with indirect part detection
  - PNP-NPN converter 20.531 for using PNP sensors in NPN circuits
- > LEDs to display status and switching state
- > Using model 20.530 with grippers with indirect part detection, enables signal activation if a part has been gripped
- > Recommended for use with grippers GR04.091, GR04.111A, GR04.130F

#### Technical data

Item no.	20.530
Input signal	PNP
Output signal	PNP
Connection	M8x1
Max. ampacity [mA]	200
Operating voltage [VDC]	10 - 35
Current consumption [mA]	< 20
Max. switching frequency [Hz]	3,500
Minimum pulse duration [ms]	> 0.1
Protection class	IP67
Ambient air temperature [°C (°F)]	-25 - 70 (-13 - 158)
Weight [g]	17

#### Plug assignment

