



Magnetic sensors, 4-pole M8 plug



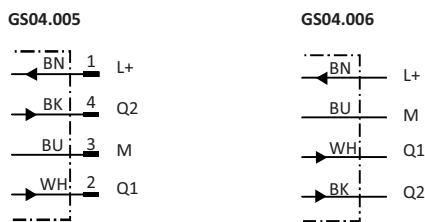
Product notes

- > C-slot sensors for active gripping elements, linear units, compact cylinders
- > PNP or NPN switching functions
- > With control LED
- > PNP-Sensors: connect supply voltage +Vs (mainly 24 V) with digital input signal
- > NPN-Sensors: connect digital input signal with ground signal 0 V
- > Two teachable switching points, end with connector 4-pole M8
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- > Connector cable for sensors:
 - 20.501: 4-pole M8, cable straight, length 500 mm, open wire
 - 20.502: 4-pole M8, cable 90°, length 500 mm, open wire

Technical data

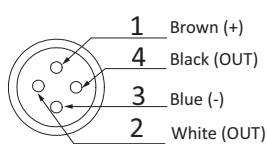
Item no.	Nut-Model	Electric connection	Plug design	Operating voltage [VDC]	Max. switching current [mA]	Max. power consumption [W]	Protection class	Cable length [mm]	Operating temperature [°C (°F)]	Weight [g]	Suitable connector cable
GS04.005	C	PNP	Straight	12 - 30	100	3.45	IP67	500	-20 - 75 (-4 - 167)	11	20.501 20.502
GS04.006	C	NPN	Straight	12 - 30	100	3.45	IP67	500	-20 - 75 (-4 - 167)	11	20.501 20.502

Connection diagram



BN = Brown, BK = Black, BU = Blue, WH = White

Plug assignment

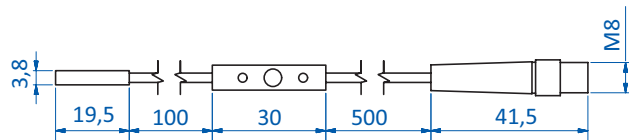




Application example



Dimensions



Matching nut dimensions

