

Sensors, Series SC4



AVENTICS™ Sensors, Series SC4



Sensor, Series SC4

- 4 mm C-slot
- with cable
- open cable ends, 3-pin
- UL certification
- electronic PNP electronic NPN
- Direct mounting for series UPG, RTC, MSN, GPC, MSC, PRA, SSI, TWC



Certificates	CE declaration of conformity cULus
Ambient temperature min./max.	-30 ... 80 °C
Protection class	IP65, IP67
Switching point precision	±0,1 mT
Nominal current, actuated state	10 mA
Quiescent current (without load)	4 mA
Min./max. DC operating voltage	10 ... 30 V DC
Hysteresis	0,4 mT
Switching logic	NO (make contact)
LED status display	Yellow
Vibration resistance	10 - 55 Hz, 1 mm
Shock resistance	30 g / 11 ms
Cable length L	3 5 m

Technical data

Part No.		for	Type of contact
R412026162		UPG, RTC, MSN, GPC, MSC, PRA, SSI, TWC	electronic PNP
R412026163		UPG, RTC, MSN, GPC, MSC, PRA, SSI, TWC	electronic PNP
R412026166		UPG, RTC, MSN, GPC, MSC, PRA, SSI, TWC	electronic NPN

Part No.	Cable length L	Voltage drop U at I _{max}	DC switching current, max.
R412026162	3 m	≤ 2,5 V	0.1 A
R412026163	5 m	≤ 2,5 V	0.1 A
R412026166	3 m	≤ 2,5 V	0.1 A

Part No.	Max. switching frequency	Version
R412026162	1000 Hz	Protected against polarity reversal
R412026163	1000 Hz	Protected against polarity reversal
R412026166	1000 Hz	Protected against polarity reversal

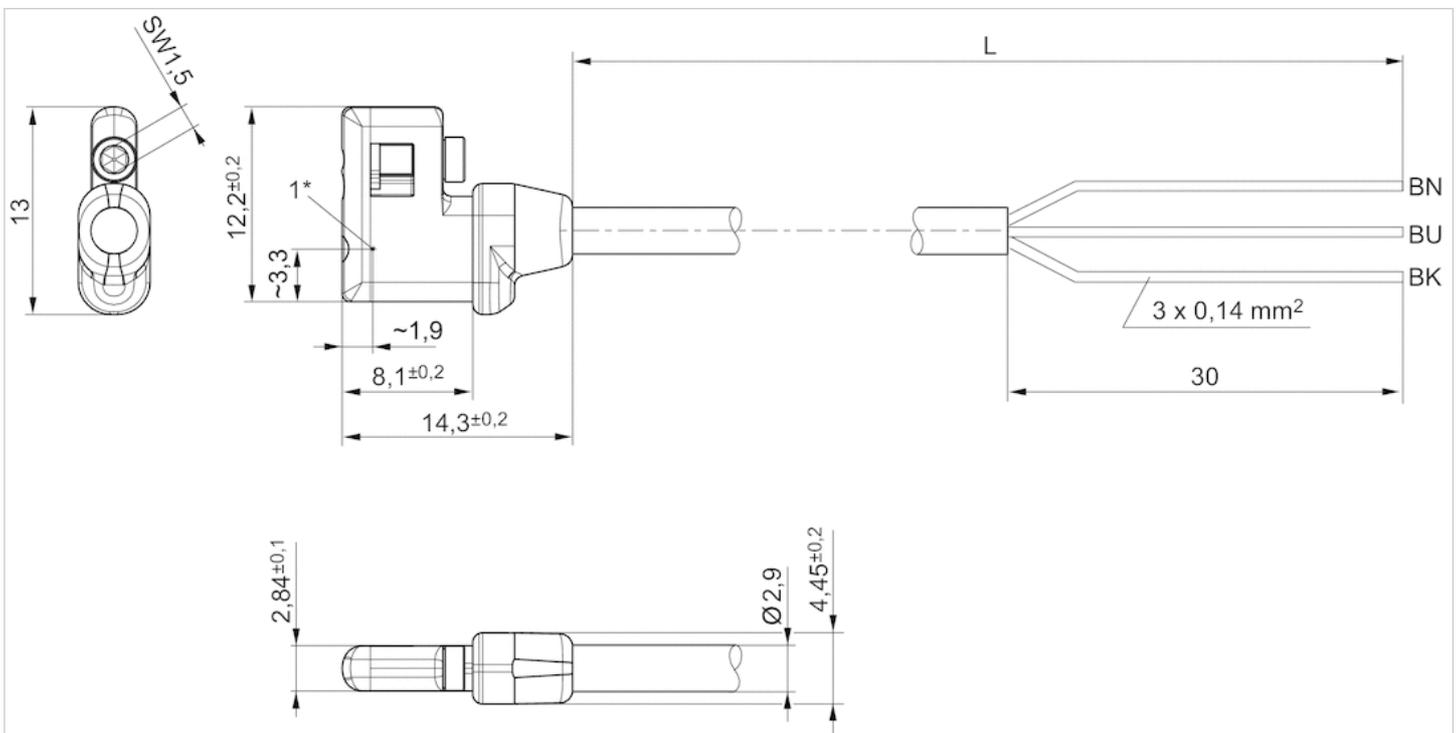
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Technical information

Material

Housing	Polyamide
Cable sheath	Polyurethane
Locking screw	Stainless steel

Dimensions



* Switching point

L = cable length

Sensor, Series SC4

- 4 mm C-slot
- with cable
- Plug, M8, 3-pin, with knurled screw
- UL certification
- electronic PNP electronic NPN
- Direct mounting for series UPG, RTC, MSN, GPC, MSC, PRA, SSI, TWC



Certificates	CE declaration of conformity cULus
Ambient temperature min./max.	-30 ... 80 °C
Protection class	IP65, IP67
Switching point precision	±0,1 mT
Nominal current, actuated state	10 mA
Quiescent current (without load)	4 mA
Min./max. DC operating voltage	10 ... 30 V DC
Hysteresis	0,4 mT
Switching logic	NO (make contact)
LED status display	Yellow
Vibration resistance	10 - 55 Hz, 1 mm
Shock resistance	30 g / 11 ms
Cable length L	0.3 0.5 m

Technical data

Part No.		for	Type of contact
R412026164		UPG, RTC, MSN, GPC, MSC, PRA, SSI, TWC	electronic PNP
R412026165		UPG, RTC, MSN, GPC, MSC, PRA, SSI, TWC	electronic PNP
R412026167		UPG, RTC, MSN, GPC, MSC, PRA, SSI, TWC	electronic NPN

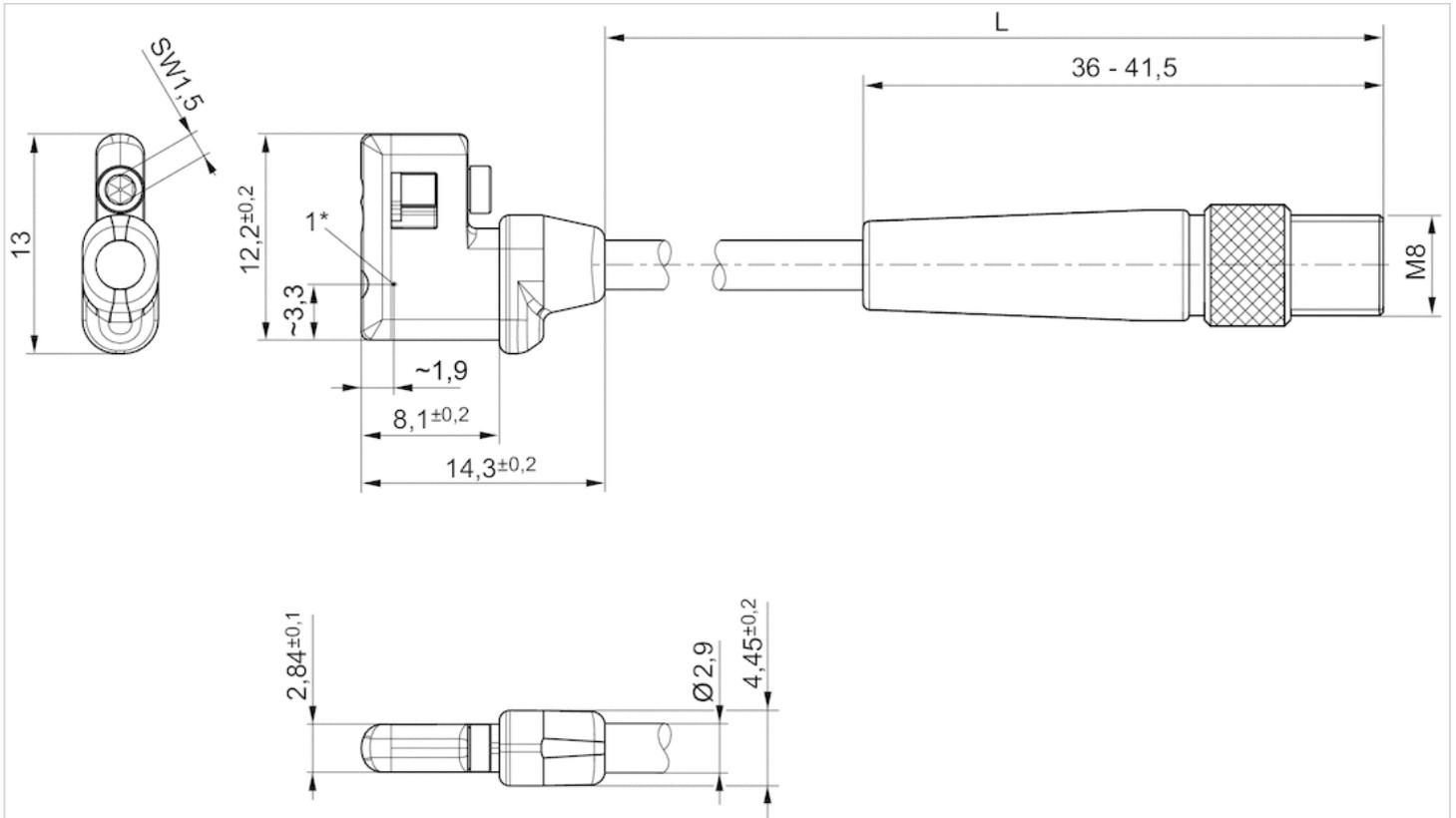
Part No.	Cable length L	Voltage drop U at I _{max}	DC switching current, max.
R412026164	0.3 m	≤ 2,5 V	0.1 A
R412026165	0.5 m	≤ 2,5 V	0.1 A
R412026167	0.3 m	≤ 2,5 V	0.1 A

Part No.	Max. switching frequency	Version
R412026164	1000 Hz	Protected against polarity reversal
R412026165	1000 Hz	Protected against polarity reversal
R412026167	1000 Hz	Protected against polarity reversal

Technical information

Material	
Housing	Polyamide
Cable sheath	Polyurethane
Locking screw	Stainless steel

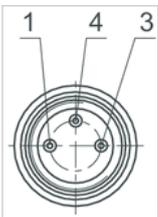
Dimensions



* Switching point
L = cable length

Pin assignments

Pin assignments



Pin	1	3	4
Allocation	(+)	(-)	(OUT)

Efficient pneumatic solutions, our program: cylinders and drives, valves and valve systems, air supply management



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