

Sensor, Series SN2

► Plug, M8, 2-pin, Plug, M8, 3-pin, Plug, M8, 4-pin



00105970_1

Ambient temperature min./max.

Protection class

Switching point precision [mm]

See table below

IP67

±0,1

Technical Remarks

- If reed sensors are used, we recommend using a short-circuit protective device (SCPD).

	Type of contact	DC operating voltage min./max.	Operational voltage AC min./max.	Voltage drop U at I _{max}	DC switching current, max.	AC switching current, max.	Part No.
		[V DC]	[V AC]		[A]	[A]	
	Reed	-	12 / 30	2,1 V + I*Rs	0.13 0.3	0.13 0.5	0830100465 0830100468
	Reed	- - 12 / 36	12 / 30	2,1 V + I*Rs 2,1 V + I*Rs I*Rs I*Rs ≤ 1,5 V	0.13 0.13 0.13 0.13 0.2	0.13	R412004299 0830100466 0830100469 R412004820 0830100472
	Reed	-	12 / 30	≤ 3,5 V	0.13	0.13	0830100467
	electronic PNP	-	12 / 30 -	≤ 2,0 V	0.13	-	0830100480 R412004800

Part No.	Function	Ambient temperature min./max.	Switching capacity	Protective resistor for reed	Vibration resistance	Shock resistance Max.	Max. switching frequency kHz
		[°C]					
0830100465 0830100468	Reed 2-Wire	-20°C / +80°C	10 W / 10 VA	27 1,3	30 g (50 - 2000 Hz)	100 g / 11 ms	-
R412004299	Reed 3-Wire	-20°C / +80°C	10 W / 10 VA	27	30 g (50 - 2000 Hz)	100 g / 11 ms	
0830100466	Reed 3-Wire	-20°C / +80°C	10 W / 10 VA	100	30 g (50 - 2000 Hz)	100 g / 11 ms	
0830100469	Reed 3-Wire	-20°C / +80°C	5,5 W / 5,5 VA	27	30 g (50 - 1000 Hz)	100 g / 11 ms	-
R412004820	Reed 3-Wire	-20°C / +80°C	10 W / 10 VA	27	30 g (50 - 2000 Hz)	100 g / 11 ms	
0830100472	Reed 3-Wire, with pulse stretching	-20°C / +70°C	5 W / 5 VA	-	35 g (50 - 2000 Hz)	50 g / 11 ms	
0830100467	Reed 4-Wire	-20°C / +80°C	10 W / 10 VA	27	35 g (50 - 2000 Hz)	50 g / 11 ms	-
0830100480 R412004800	electronic PNP	-10°C / +70°C	-	-	-	-	< 2,0