

Operating distance 0.6 mm and 1 mm

Class		IP68	IP68	Extra duty (65 V DC)
Number of conductors		3-wire	3-wire	3-wire
Design		Ø 4 mm, mini	M5, mini	M8
Installation in metal		Flush	Flush	Flush
Rated operating distance s_n		0.6 mm	0.6 mm	1 mm
Enclosure material		Stainless steel	Stainless steel	Stainless steel
Operational voltage (DC)	V	10 ... 30	10 ... 30	10 ... 65
No-load supply current I_0	mA	≤ 10	≤ 10	≤ 10
Rated operational current I_e	mA	200	200	200
Switching frequency f	Hz	3000	3000	5000
Repeat accuracy R	mm	0.01	0.01	0.1
Power-up delay t_v	ms	8	8	40
Switching status display		-	-	Yellow LED
Precautions				
<ul style="list-style-type: none"> ● Spurious signal suppression 		•	•	•
<ul style="list-style-type: none"> ● Short-circuit-proof/overload-proof 		•	•	•
<ul style="list-style-type: none"> ● Reverse-polarity protection 		•	•	•
<ul style="list-style-type: none"> ● Wire-break protection 		-	-	•
<ul style="list-style-type: none"> ● Inductive interference protection 		•	•	•
<ul style="list-style-type: none"> ● Radio interference protection 		•	•	•
Degree of protection		IP68	IP68	IP67
Types with 2 m, PUR cable	Order No.	3RG4600-0AG02	3RG4610-0AG02	3RG4011-0AB00 3RG4011-0AA00
Types with 8 mm combination plug	Order No.	-	-	3RG4011-7AB00 3RG4011-7AA00
Types with M12 connector	Order No.	-	-	3RG4011-3AB00 3RG4011-3AA00