

**Operating distance 1 mm**

Class		Standard duty	Standard duty	Standard duty
Number of conductors		3-wire	4-wire	2-wire
Design		M 8	M 8	M8
Installation in metal		Flush	Flush	Flush
Rated operating distance $s_n$	mm	1	1	1
Enclosure material		Stainless steel	Stainless steel	Stainless steel
Operational voltage (DC)	V	15 ... 34	10 ... 30	15 ... 34
No-load supply current $I_0$	mA	$\leq 17$ (24 V); $\leq 30$ (34 V)	$\leq 1$	$\leq 1,5$
Rated operational current $I_e$	mA	200 ( $\leq 50$ °C); 150 ( $\leq 85$ °C)	50	25
Switching frequency $f$	Hz	1500	1500	1500
Repeat accuracy $R$	mm	0,1	0,1	0,1
Power-up delay $t_v$	ms	40	40	40
Switching status display		Yellow LED	Yellow LED	Yellow LED
Precautions				
<ul style="list-style-type: none"> <li>• Spurious signal suppression</li> </ul>		•	•	•
<ul style="list-style-type: none"> <li>• Short-circuit-proof/overload-proof</li> </ul>		•	•	-
<ul style="list-style-type: none"> <li>• Reverse-polarity protection</li> </ul>		•	•	•
<ul style="list-style-type: none"> <li>• Wire-break protection</li> </ul>		•	•	•
<ul style="list-style-type: none"> <li>• Inductive interference protection</li> </ul>		•	•	•
<ul style="list-style-type: none"> <li>• Radio interference protection</li> </ul>		•	•	•
Degree of protection		IP67	IP67	IP67
Types with 2 m PUR cable	Order No.	3RG4011-0AG00 3RG4011-0AF00 3RG4011-0GB00	3RG4011-0CC00	3RG4011-0JB00
Types with 8 mm combination plug	Order No.	3RG4011-7AG00 3RG4011-7AF00	3RG4011-7CC00	3RG4011-7JB00
Types with M12 connector	Order No.	3RG4011-3AG00 3RG4011-3AF00 3RG4011-3GB00	3RG4011-3CC00	3RG4011-3JB00