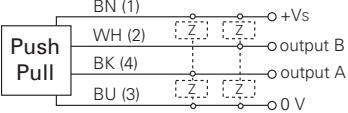
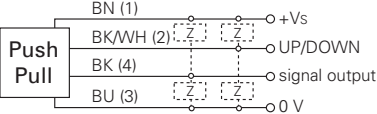


Field plate sensors

Dimensions	12 mm	12 mm
Sensing distance	0,4 mm	0,4 mm
IMRM 12G2501/S14L  IMRM 12G3501/S14L 		
Push-Pull2 output pulse trains A/B 90° phase shifted	IMRM 12G2501/S14L	
Push-Pullsignal output UP/DOWN signal		IMRM 12G3501/S14L
technical data		
voltage supply range +Vs	8 - 30 VDC	8 - 30 VDC
supply current	35 mA	35 mA
max. switching current	30 mA	30 mA
sensing distance Sn	0,4 mm	0,4 mm
switching frequency range	1 - 20'000 Hz	1 - 20'000 Hz
voltage drop	< 6 VDC (I _{OUT} =20mA)	< 6 VDC (I _{OUT} =20mA)
output A	push-pull	push-pull
output B	push-pull (B 90° phase shifted in relation to A)	push-pull (UP/DOWN indication)
short circuit protection	yes	yes
reverse polarity protection	yes	yes
min. gear size	module 0,3	module 0,3
air gap for module 1	0,4 mm	0,4 mm
gear material	ferrous metal	ferrous metal
alignment aid	keyway	keyway
output indicator	LED	LED
temperature range	-25...+75 °C	-25...+75 °C
housing material	stainless steel (1.4305)	stainless steel (1.4305)
protection class	IP 67	IP 67
connector options	ES 14, ES 18, ESW 33A, ESG 34A	ES 14, ES 18, ESW 33A, ESG 34A
	