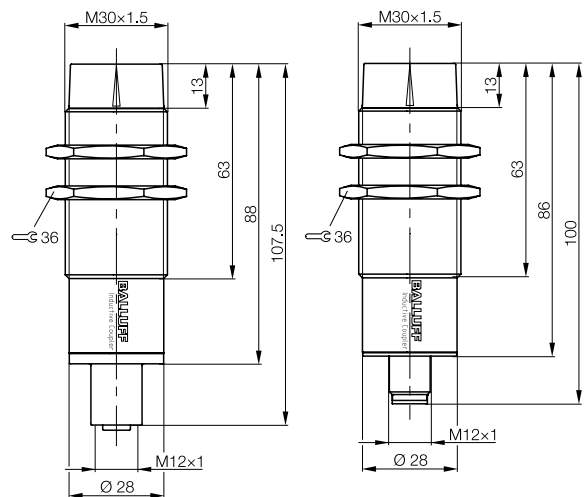


BIC Inductive Couplers

Power-only



Power-only with 0.5 A power			
Housing size	M30×1.5	M30×1.5	
Working range	0...5 mm	0...5 mm	
Installation type	not-flush	not-flush	
Ordering code	BIC0007	BIC0008	
Part number	BIC 1P0-P2A50-M30MI3-SM4A4A	BIC 2P0-P2A50-M30MI3-SM4A5A	
Supply voltage U_B incl. ripple	24 V DC $\pm 10\%$		
Rated operating current I_o	max. 1 A		
No-load supply current I_o max.	approx. 100 mA		
Max. current load per output			
Short circuit protected	yes	yes	
Output voltage Remote		24 V DC $\pm 5\%$	
Power supply, continuous output current		500 mA	
Rated insulation voltage U_i	150 V DC/125 V AC	150 V DC/125 V AC	
Operational readiness		100 ms	
Ambient temperature range T_a	0...+55 °C	0...+55 °C	
Storage temperature	-25...+75 °C	-25...+75 °C	
Offset		± 4 mm	
Switching frequency f	10	10	
Function/supply voltage indicator	yes/yes	yes/yes	
Tightening torque	70 Nm	70 Nm	
Degree of protection per IEC 60529	IP 67	IP 67	
Housing material	CuZn coated	CuZn coated	
Material of sensing face	PC	PC	
Wiring	M12 connector, 4-pin female	M12 connector, 5-pin male	



more added value

- Simple connection, rapid installation
- Wear-free
- Robust, even in harsh environments