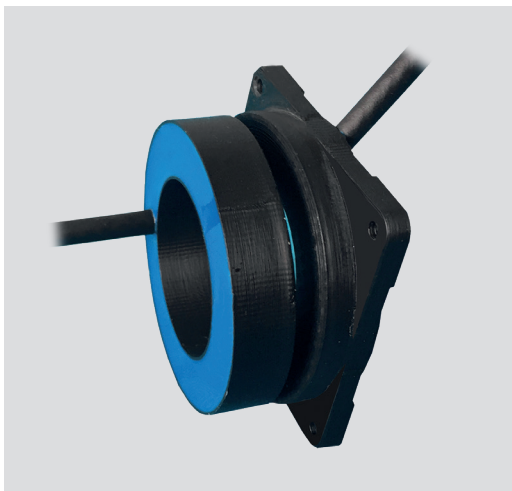




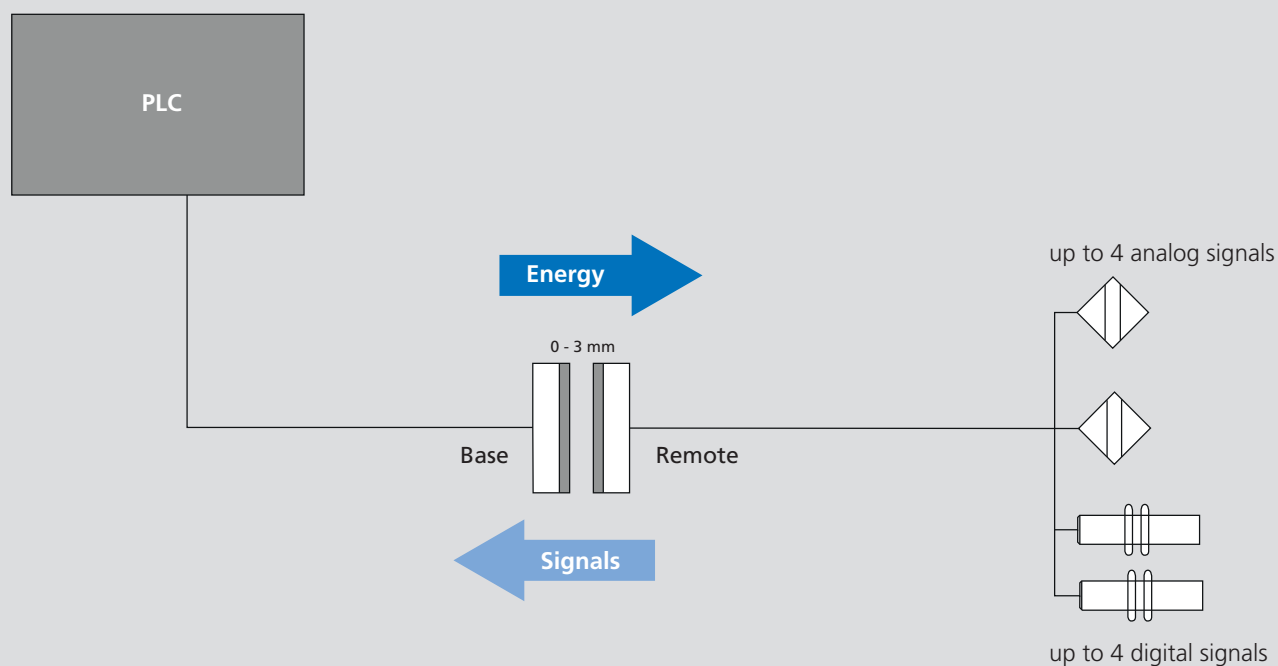
Application/customer benefits

- Contact free, safe transmission of energy and signals between moving / rotating and stationary components
- Application example: Monitoring of sensors in clamping systems, automation, slip ring replacement
- Base with mounting flange
- Dynamic Pairing
- Wear and maintenance free

Technical features

- Operating voltage 24 V $\pm$ 10%
- Transmission distance 0 - 3 mm
- Energy transmission: 24 V / 2.5 W (100 mA)
- Transmission of signals: 4 analog signals (0 - 10 V) / 4 digital signals (PNP)
- Inverse-polarity protection (base), short-circuit proof (remote)
- Protection class: IP 67
- Id. No. Base: 0E010972
- Id. No. Remote: 0E010973

Block diagram:

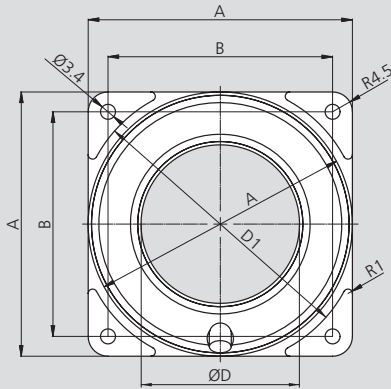


Subject to technical changes.
For more detailed information please ask our customer service.

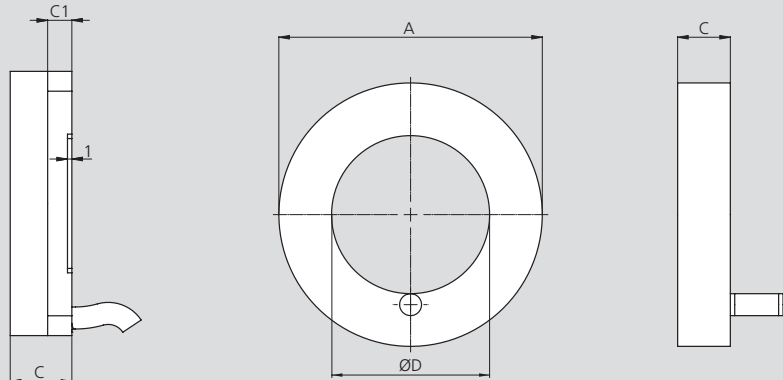
- Stationary unit - Base
- Mobile unit - Remote

Axial coupler

Base:



Remote:



Subject to technical changes.
For more detailed information please ask our customer service.

Inductive coupling system F60-4 / 4A

SMW-electronics Type		Base	Remote
Id. No.		0E010972	0E010973
A	mm	60	-
B	mm	51	-
C	mm	14	12
C1	mm	13	-
D	mm	36	-
D1	mm	64	-
Housing material		POM, PA66, PC GF 30%	
Protection class		IP 67	
Operating temperature		0° C ... +60° C	
Storage temperature		-10° C ... +70° C	
Transmission distance		0 mm ... 3 mm	
Operating voltage		24 V ± 10% DC	-
Output voltage		-	24 V ± 10% DC
Power consumption (Base)		< 300 mA	-
Power output (Remote)		-	< 100 mA
Overload protection / short circuit protection		✓	✓
Residual ripple		-	< 200 mV
Reverse polarity protection		✓	-
Data-Valid Output		0 / 24 V	-
Ready delay		≤ 100 ms	