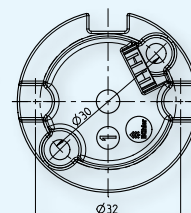
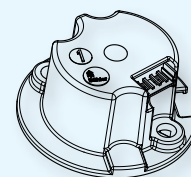
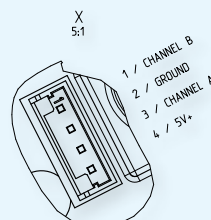
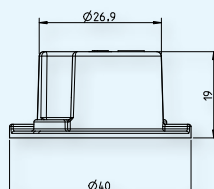
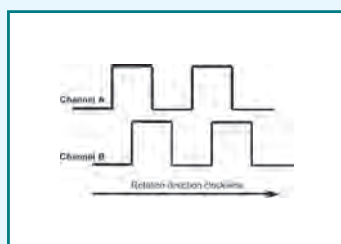


Encoder
2.648.0XX



■ Type / Baureihe 2.648.XXX

006

Electrical Data	Elektrische Daten			Optical / optischer Encoder
Output signal	Ausgangssignal			2 channels (A/B) square, 90° phase shifted 2 Kanäle (A/B) Rechteckimpuls, 90° Phasenversatz
Number of counts per revolution	Impulszahl pro Umdrehung	Z/cpr		100
Operating voltage	Versorgungsspannung	VDC	V	4.5 - 5.5
Current consumption	Stromaufnahme	I _{cc}	mA	max. 20
Output voltage high level	Ausgangsspannung High Level	V _{OH}	V	min. 2.4
Output voltage low level	Ausgangsspannung Low Level	V _{OL}	V	max. 0.4
Output current per channel	Ausgangsstrom pro Kanal	I _{out}	mA	max. 7
Signal rise time	Signalanstiegszeit	T _r	μs	typ. 0.5
Signal fall time	Signalabfallzeit	T _f	μs	typ. 0.1
Pulse width error	Impulsweitenfehler	ΔΠ	°e	max. 55
Phase error	Phasenfehler	Δφ	°e	max. 60
Count frequency	Zählfrequenz	f	kHz	max. 30

Operational conditions	Einsatzbedingungen			
Operating temperature max.	Betriebstemperatur max.	T _A	°C	-10 - +70
Protection class	Schutzart		IP	40
Electrical connection	Elektrischer Anschluss			Molex connector/Stecker Contact/Kontakt 4 x 50212 Housing/Gehäuse 1 x 51065-400

Options	Optionen			
Connector exit direction	Anschlussabgangsrichtung			horizontal/vertical
Wire harness Length	Anschlusskabel Länge		mm	300
Protection class	Schutzart		IP	54