

Motorized Compact Lenses

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As further option for our successful compact lens series Cinegon, Xenoplan and Tele-Xenar Schneider Kreuznach attached a motorized iris to the optics without changing the benefits of the superior and well-known lenses.

The stepper motor with the industrial P-Iris connector enables the use of the existing well-proven optical designs and the lockable focus mechanism with a variable iris control for perfect use of light even under rough conditions. High guaranteed reliability with over 100,000 cycles fulfills the demand of industrial applications.



Key Features

- "Plug and Play" Industrial P-Iris connector
- Stepper motor for digital control
- Reliable mechanics for more than 100,000 cycles

Applications

- Traffic
- Machine Vision and other imaging applications
- 3D measurement
- Medical
- Robot vision
- Food processing

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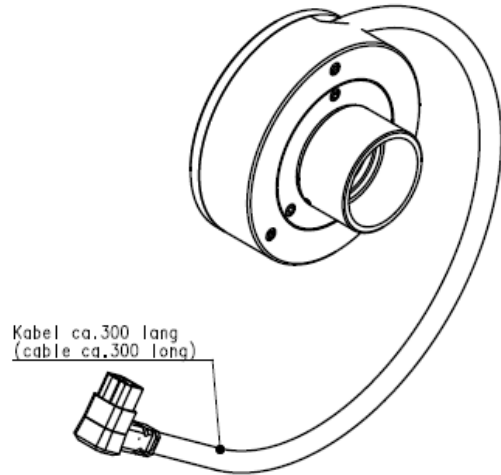
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Technical Specification

Motor type	2 phase, bipolar stepper motor
Coil resistance	21 Ohm
Current	≤ 143 mA / Phase
Max. apply voltage	5V
Coil inductivity	1.8 mH / Phase at 1 kHz
Max. Step frequency	400 Hz
Cable type	Lemo Santoprene 2x2x0.14mm ²
Connector	P-Iris / JEITA E4-191J-100
Operating temperature	0°C to +50°C
Storage temperature range	-20°C to +75°C
Mtbf	> 100,000 cycles
Order no.	1076107



Ansteuerungsablauf (sequence of excitation)	1	2	3	4
connector pin				
3	H	H	L	L
2	L	L	H	H
1	L	H	H	L
4	H	L	L	H

