

CAN Turbine

Digital volume flow rate measurement

For the first time, the new CAN turbine allows the direct integration of high-precision volume flow rate measurement into a CAN bus.

Built up on the proven precision engineering of the Hydrotechnik turbines, the digital inductive sensor detects the volume flow rate and transmit the measurement data digital and without losses.

The CAN turbine is another important step in the orientation of the Hydrotechnik product lines to the CAN bus technology.



- Digital volume flow rate measurement
- High variety of different types
- Up to 1,000 kBit/s
- CAN 2.0A
- Pressure-resistant to 400 bar
- Robust aluminium casing
- Seamless integration

CAN Induktivaufnehmer auch separat erhältlich:



Product	TKZ	Price
CAN Turbine, 1 ... 10 l/min.	31C7-01-35.00	on request
CAN Turbine, 2 ... 75 l/min.	31C7-70-35.00	on request
CAN Turbine, 9 ... 300 l/min.	31C7-71-35.00	on request
CAN Turbine, 16 ... 600 l/min.	31C7-72-35.00	on request
CAN Inductive sensor	3107-00-42.00	on request
CAN measuring cable (5 m length)	8824-M5-05.00	on request
Power supply		
Power supply	8.5 ... 30 VDC	
Power consumption	max. 50 mA at 24 VDC	
CAN interface		
Transmission speed	10 kBit/s to 1MBit/s	
CAN standard	2.0A (11 Bit)	
Transmission rate	max. 1.000 kBit/s	
Environmental conditions		
Operation temperature	-20°C ... +85°C	
Storage temperature	-35°C ... +85°C	
Relative humidity	15 ... 95 % (not condensing)	
General		
Error limits	max. ± 1.0 % of topical value	
Pmax	400 bar	
Casing material	Aluminium, anodised	
Protection type	IP 67 (when screwed)	
Weight	476 g ± 15 %	
Mounting length	max. 174 mm	

Hydrotechnik GmbH

Holzheimer Str. 94-96 • 65549 Limburg • Germany
 Phone +49 (0) 6431 4004-0 • Fax +49 (0) 6431 45 308
 www.hydrotechnik.com • info@hydrotechnik.com

HYDROTECHNIK
 MESSEN MIT SYSTEM

T31C7-01-35.00 • 03-Jul07