microsonic



extract from our online catalogue:

Trans-O-Prox III

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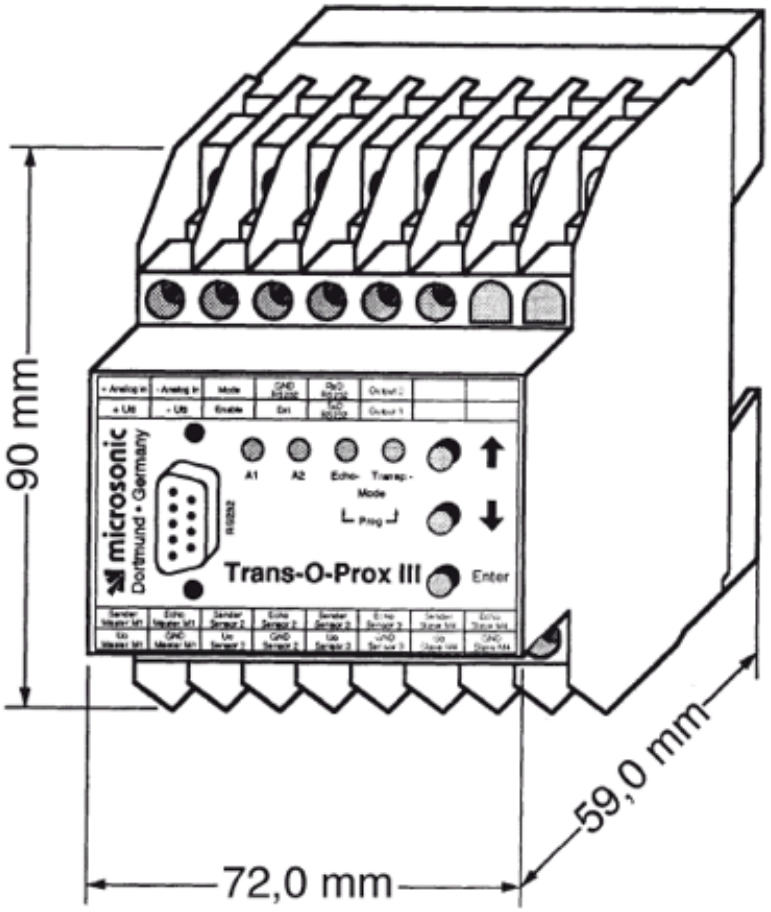
Archivsensor

Trans-O-Prox III

scale drawing



Successor model available	please inquire

2 x pnp

design	cuboidal
operating mode	evaluator

Ultrasonic-Specific

means of measurement	echo propagation time measurement
resolution	5 cm

Electrical Data

operating voltage U_B	24 V d.c., reverse polarity protection
voltage ripple	± 10 %
no-load current consumption	≤ 50 mA (without sensors)
type of connection	screw terminals, wire cross-section 1.5 mm^2

Outputs

output 1	switching output pnp: I_{max} = 500 mA (U_B-2V) NOC/NCC adjustable, short-circuit-proof
Ausgang 2	switching output pnp: I_{max} = 500 mA (U_B-2V) NOC/NCC adjustable, short-circuit-proof
response delay	transponder mode: 500 ms, echo mode: 240 ms

Inputs

input 1	com input
Eingang 2	enable-input
Eingang 3	control input
Eingang 4	tachometer input

Housing

material	Kunststoffgehäuse mit 28 Schraubklemmen, geeignet für Hut-schinenmontage DIN EN 50022-35
ultrasonic transducer	polyurethane foam, epoxy resin with glass contents
class of protection to EN 60529	IP 20
operating temperature	-20°C to +70°C non-condensing
storage temperature	-20°C to +70°C
weight	200 g

Technical Features/Characteristics

controls	3 push-buttons
scope for settings	at the evaluator with terminal programme via serial interface
synchronization	yes
multiplex	no
indicators	2 x LED yellow: switch status, 2 x LED red: operating status