



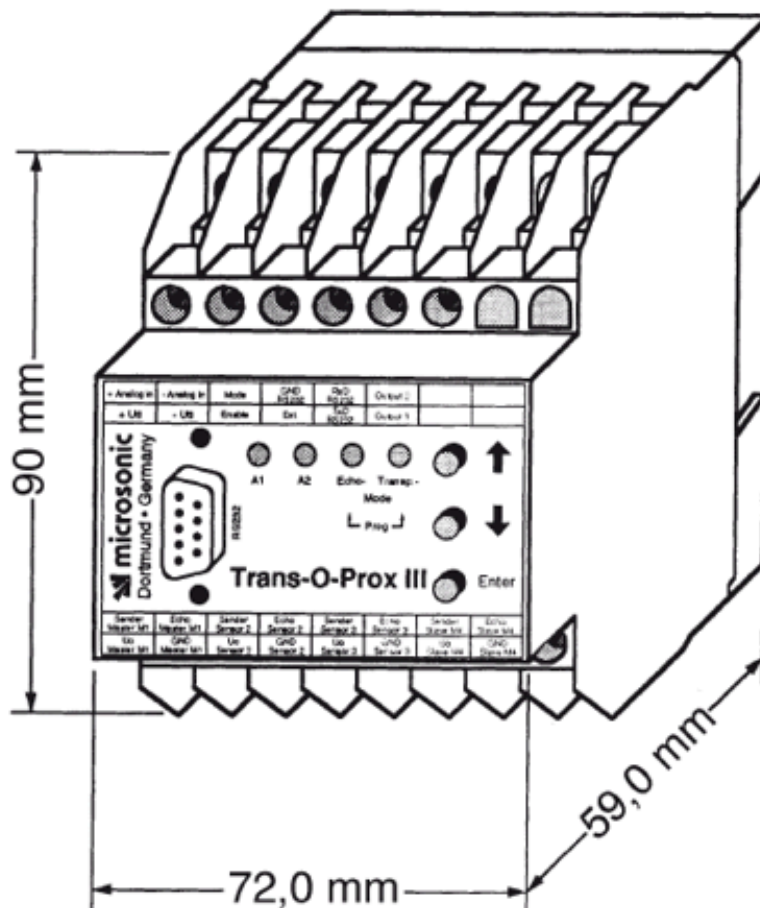
extract from our online catalogue:

Trans-O-Prox III

current to: 2026-09-22

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 $\pm 10 \%$

no-load current consumption ≤ 50 mA (without sensors)

type of connection screw terminals, wire cross-section 1.5 mm²

outputs

output 1	switching output pnp: $I_{\max} = 500 \text{ mA}$ ($U_B - 2V$) NOC/NCC adjustable, short-circuit-proof
Ausgang 2	switching output pnp: $I_{\max} = 500 \text{ mA}$ ($U_B - 2V$) 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-schienenmontage 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