

Length transducer, Chain 022454, 022455, 022456, 022457, 022458

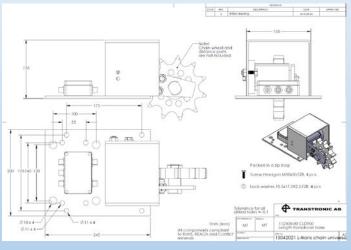


The length transducer measures the movement of the chain that moves the cradle

The measurement is done by proximity switches against the sprockets.

Normally used as a length sensor, measuring the drilled depth on drilling rigs.

The transducer has 2 connectors for the CAN-Open communication including power supply and one connector with 2 digital inputs.



7		240 1	minerals	15042021 L-tr
	(5 pin "m	dicro" style connector CAN)		(4pin "micro" style connector CAN
	PIN	Signal	PIN	Signal
	1	Not Connected	1	1030V DC (Supply voltage)
	2	1030V DC (Supply voltage)	2	Signal 1 active Low
	3	GND / 0V	3	GND / 0V
	4	CAN_H (dominant high)	4	Signal 2 active High
	5	CAN L (dominant low)		

Technical data

Supply voltage	10 – 30 VDC	
Power supply	<100mA	
Sprocket wheel	022454	2"
	022455	11/2
	022456	11/4
	022457	1"
	022458	3/4"

Digital inputs 2

Type Signal 1: Active high/

Signal 2: Active low

Bus Connection CANOpen (ISO11896)

Nod ID Default 1

Housing Steel housing, zinc plated Mounting Various possibilities Connections

CAN-bus Standard M12 A-code plug, 5 pin Male/Female

5 pin waie/remaie

Standard M12 A-code plug,

4 pin Male

Operating temp. Protection

Digital Input

-40 - +70°C IP67