

Index Plungers · with sensor  
EH 22123.

## Product Description

Index plungers are used for indexing bores. The index plunger with sensor makes it possible to monitor the indexing position of the indexing plunger. When it engages, the sensor already switches after 2/3 of the indexing distance  $l_2$ . In addition to the electronic signal, the switching status is indicated directly on the sensor via an LED.

## Electrical properties of the sensor

Output function	Normally open (NO)	
Switch output	PNP	
Supply voltage	10 - 30 V DC	
Continuous current $I_a$	$\leq 100$ mA	
Connection type Plug (S)	3-pin plug M8x1, freely rotating with knurled screw connection, with 0.5 m PUR cable	
Protection class	IP 67	
Switching frequency	1.000 Hz	
Power consumption	$\leq 8$ mA	
Voltage drop	$\leq 2,5$ V	
Protection class	III	
Response sensitivity	2,8 mT	
Temperature range	-25 °C ... +75 °C	
Shock and vibration resistance	30 g, 11 ms / 10 ... 55 Hz, 1 mm	
EMC	acc. EN 60947-5-2	
Reverse polarity protection	Yes	
Short-circuit protection	Yes	
Starting pulse suppression	Yes	
Certificates, conformities CE label		