KUEBLER - INCREMENTAL PULSE TRANSDUCER, SENDIX BASE KI40 SERIES

SERIE KIS40

- Housing diameter Ø40 mm
- Reinforced Safety-Lock [™] design
- Max. 2 500 pulses per revolution
- \bullet Temperature range -20 to +70 $^{\circ}$ C



PRODUCT DESCRIPTION

With up to 2 500 pulses per revolution, the sensor fits well in applications where high accuracy is important. Thanks to the small aluminum housing with an outer diameter of 40 mm, it is well suited for tight spaces. Metal disk for sensors up to 600 pulses makes the sensor durable and durable even in tougher environments. This format fills up the product flora in the segment between miniature and standard encoder. A cost-effective, high-quality incremental encoder

Order code 8 KIHAO XIXIXI XXXX PXXII

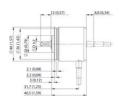
Please refer to the images below for ordering information.

Shaft version Type a D G	X XXXX . PXX "		
3 Flange	Type of connection	Stock types	
1 = clamping-synchro flange, ø 40 mm [1.57"]	1 = axial cable, 2 m [6.56'] PVC	8.KIS40.1342.0360	8.KIS40.1362.0500
	2 = radial cable, 2 m [6.56'] PVC	8.KIS40.1342.0500	8.KIS40.1362.1024
⑤ Shaft (ø x L)		8.KIS40.1342.1000	8.KIS40.1362.2048
3 = Ø 6 x 12 mm [0.24 x 0.47"], with flat	Pulse rate	8.KIS40.1342.1024	
5 = ø 1/4" x 12 mm [1/4" x 0.47"], with flat	25, 100, 200, 360, 500, 512, 600,	8.KIS40.1342.2048	
	1000, 1024, 2000, 2048, 2500	8.KIS40.1342.2500	
Output circuit / power supply	(e.g. 500 pulses => 0500)		
3 = open collector (with inverted signal) / 10 30 V DC	All of the content of	Optional on request	
4 = push-pull (with inverted signal) / 10 30 V DC	Special signal format	- other pulse rates	
6 = RS422 (with inverted signal) / 5 V DC	P03 = see page 58		
7 = open collector (without inverted signal) / 10 30 V DC	===*-*-*===		
8 = push-pull (without inverted signal) / 10 30 V DC			

Flange	Type of connection	Stock types	
2 = with spring element, long	1 = axial cable, 2 m [6.56'] PVC	8.KIH40.2442.1024	8.KIH40.5442.0360
5 = with stator coupling, ø 46 mm [1.81"]	2 = radial cable, 2 m [6.56'] PVC	8.KIH40.2462.1000	8.KIH40.5442.0500
		8.KIH40.2462.1024	8.KIH40.5442.1024
Blind hollow shaft (insertion depth max. 18 mm [0.71"])	Pulse rate		8.KIH40.5442.2048
4 = Ø 8 mm [0.32"]	25, 100, 200, 360, 500, 512, 600,		8.KIH40.5442.2500
3 = ø 1/4"	1000, 1024, 2000, 2048, 2500		8.KIH40.5462.0500
	(e.g. 500 pulses => 0500)		8.KIH40.5462.2048
Output circuit / power supply	The World State of the Control of th		
3 = open collector (with inverted signal) / 10 30 V DC	Special signal format	Optional on request	
4 = push-pull (with inverted signal) / 10 30 V DC	P03 = see page 58	- other pulse rates	
6 = RS422 (with inverted signal) / 5 V DC		•	
7 = open collector (without inverted signal) / 10 30 V DC			
8 = push-pull (without inverted signal) / 10 30 V DC			

TECHNICAL DATA

Connection	Cable
Housing diameter	40 mm
IP class	IP64
Mounting	Shoulder
Output	Push/Pull, RS422
Pulse max	2500
Sensor type	Incremental
Shaft diameter max	8 mm
Shaft diameter min	6 mm
Supply voltage dc max	30 V DC
Supply voltage dc min	5 V DC
Temperature operational max	85 °C
Temperature operational min	-20 °C





Output circuit	Type of connection	Cable (solate unused wires individually before initial start-up)							
3, 4, 6 with inv. signal	Signal:	0 V	+V	A	Ä	В	B	0	ō
	Cable colour:	WH	BN	GN	YE	GY	PK	BU	RD