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



Kübler

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

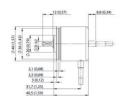
Please refer to the images below for ordering information.

Order code Shaft version 8.KIS40 . 1 X X X	XXXX . PXX "		
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
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		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			

1 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			
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			

Specifications

Connection Thread	Cable
Housing diametre	40
IP Class	IP64
Mounting	Shoulder
Output	Push/Pull, RS422
Pulse Max	2500
Sensor type	Incremental
Shaft Diameter max	8
Shaft Diameter min	6
Supply Voltage DC Max	30
Supply Voltage DC Min	5
Temperature range from	-20
Temperature range to	85





Output circuit	Type of connection	Cable (isolate unuse	d wires indivi	dually befo	ore initial st	art-up)				
3.4.6	1.2	Signal:	0 V	+V	A	Ā	В	B	0	ō
with inv. signal	11.2	Cable colour:	WH	BN	GN	YE	GY	PK	BU	RD

3, 4, 6 with inv. signal	1,2	Signal:	ov	+V	Δ	X	B	E	0	ň
		Cable colour:	WH	BN	GN	YE	GY	PK	BU	RD