

OACIS

Open Architecture Control Integrated System

Encoder Wiring Example with Magnescale

Version 01.03



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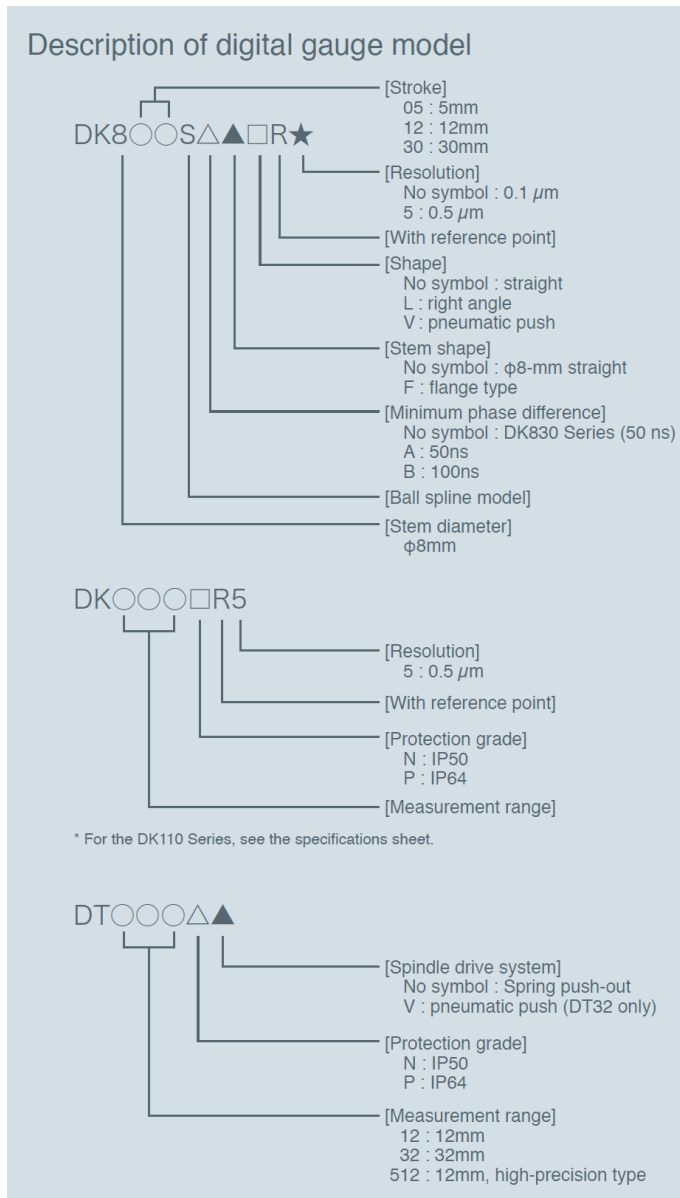
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CONTENTS

- I. MODEL SELECTION 3
- II. EXAMPLE #1 4

I. MODEL SELECTION

- A. OACIS is compatible with only “TTL (5V)” signal. We recommend DK8 or DK series of MAGNESCALE digital gauges below.



- A. 오아시스는 “TTL (5V) 신호와 호환 가능합니다. 아래 마그네스케일 디지털게이지 가운데 DK8 혹은 DK 시리즈를 추천합니다.

II. EXAMPLE #1

- A. Selected Model: MAGNESCALE #DK805SBLR5
 - i. Maximum Resolution: 0.5 um
- B. OACIS Input Signals: LINE RECEIVER
- C. Pulse Ratio in the System Configuration: 2000 (= 1 / 0.0005)
- D. Pin Map

OACIS DK Channel		MAGNESCALE (SONY) DK Series	
PIN #	Description	PIN #	Description
1	+Vcc (5V)	RED	+Vcc (5V)
2	0V	WHITE	0V
3	A	BLUE	A
4	/A	YELLOW	/A
5	B	ORANGE	B
6	/B	GRAY	/B
7	Z	GREEN	Z
8	/Z	PURPLE	/Z
9	Shield	Shield	Shield

- E. Set Encoder Inputs in System Configuration

