

Information of New product

Magnescape

SPEED X PRECISION

CC-Link Ver.2.00

EtherCAT®



Speed
×
Tough



タフセンサ
Tough Sensor

Interface unit for Fieldbus



ACCURACY

ENDURANCE

COST

EASY USE

Digital Gauge (DF800 series)

New Ball Spline structure : MGS original bush applied

Full stroke test: 92million times (As of Mar,2014) & continuing

Stem rigidity : x1.5 of the previous model

Rotational backlash : None. Suit for high accuracy measurement

Warm up time : 0 min

Grating : Magnetic. Suit for high environmental resistance.

Diameter : 8mm

Lineup : Air push type/Flange/Multi-axial with new IF unit



Interface unit (MG50 series)

(Main module: CC-LINK MG50-CL / EtherCAT MG50-EC / Partitioning Module MG51)

Compact body

CC-LINK, EtherCAT compatible

Easy setting

High speed data communication: 1ms

Maximum connectable

EtherCAT Max 30axis
CC-LINK Max 16axis

FB(Function Block)

Can simplify various operation just by installing a modularized program to PLC.

Maximum/Minimum/Degree of flatness/Average/Level difference /Twist/Warp/Thickness

※Compatible PLC
OMRON NJ series
MITSUBISHI Q series, L series



DF series can connect with interface unit

- Send measurement data directly to PLC via CC-LINK, EtherCAT
- Remote operation from PLC
 - * Monitor current value
 - * Set reference point
 - * Set comparator values