KUEBLER - INCREMENTAL ENCODER, SENDIX H120

SERIE H120



- · High durability
- · Many mounting options
- High degree of enclosure
- Wide temperature range



Product description

The Sendix H120 series is designed to fit in tough environments. Specialized for high voltage motors, generators, steel and crane industry.

The sensor has a high enclosure degree, IP66, IP67 and a wide temperature range -40 to +100 ° C. It is also equipped with "HD-Safety LockTM, which includes double gaskets, against moisture and dust. All layers are also sturdier and stronger.

The many choices of contact types make this pulse sensor very flexible, sometimes the optical fiber, M12, M23 and terminal boxes are selected. The H120 can be delivered with a fastening lever in different lengths.

Please refer to the image below for ordering information.

Order code 8.H120 Hollow shaft version 0000 6 Flange Output circuit / power supply Pulse rate 4 = RS422 (with inverted signal) / 5 V DC 50, 360, 512, 600, 1000, 1024, 1 = without mounting aid 2 = with fastening arm 70 mm [2.76"] 2) 1 = RS422 (with inverted signal) / 10 ... 30 V DC 1500, 2000, 2048, 2500, 4096, 3 = with fastening arm 100 mm [3.93"] 2) 5 = push-pull (with inverted signal) / 10 ... 30 V DC 4 = with fastening arm 150 mm [5.91"] 2) 6 = push-pull (with inverted signal) / 10 ... 30 V DC, power version up to 350 m (e.g. 360 pulses => 0360) 5 = with stator coupling, ø 119 mm [4.69"] B = optical fiber + RS422 (with inverted signal) / 5 V DC 3) A = optical fiber + RS422 (with inverted signal) / 10 ... 30 V DC 3) Optional on request Through hollow shaft C = optical fiber + push-pull (with inverted signal) / 10 ... 30 V DC 3) - other pulse rates 2 = ø 16 mm [0.63"] - Ex 2/22 5) 3 = ø 20 mm [0.79"] Type of connection 1 = radial cable, 1 m [3.28'] PVC 5 = ø 25 mm [0.98"] 7 = ø 28 mm [1.10"] A = radial cable, special length PVC *) 6 = Ø 1" 2 = radial M12 connector, 8-pin, ccw Blind hollow shaft, 4 = radial M23 connector, 12-pin, ccw with central fastening D = radial M23 connector, 12-pin, cw K = terminal box with plug-in spring terminal connectors, rotatable through 180°insertion depth max. 53 mm [2.09"] A = Ø 12 mm [0.47"] L = optical fiber connector + radial M23 connector, 12-pin, cw 4) B = ø 16 mm [0.63"] *) Available special lengths (connection type A): Blind hollow shaft, cone 2, 3, 5, 8, 10, 15 m [6.56, 9.84, 16.40, 26.25, 32.80, 49.21'] with central fastening order code expansion .XXXX = length in dm insertion depth max. 22.5 mm [0.89"] ex.: 8.H120.121A.2048.0030 (for cable length 3 m) $K = \emptyset$ 17 mm [0.67"], 1:10

| Connection Thread | Cable, M12, M23 contact | | | | |
|------------------------|-------------------------|--|--|--|--|
| Housing diametre | 120 | | | | |
| IP Class | IP66, IP67 | | | | |
| Mounting | Hollow shaft | | | | |
| Output | Push/Pull, RS422 | | | | |
| Pulse Max | 5000 | | | | |
| Sensor type | Incremental | | | | |
| Shaft Diameter max | 25 | | | | |
| Shaft Diameter min | 12 | | | | |
| Supply Voltage DC Max | 30 | | | | |
| Supply Voltage DC Min | 5 | | | | |
| Temperature range from | -40 | | | | |
| Temperature range to | 100 | | | | |

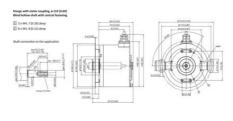
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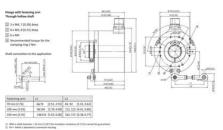


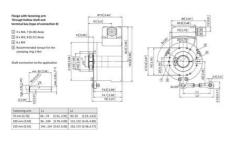


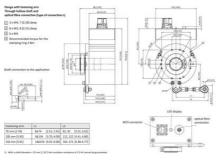


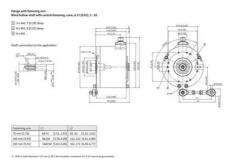












| | - 8 | Pin: | | A | | - | | PE | | X | | | 0 | | |
|----------------|--------------------|---------------------|-----|----|--------|-------|-----|-----|-----|-----|-----|-----|--------|--|--|
| 1,45,6 | ж. | Signal: | | A | 0 | | eV. | + | .0 | X | | | 0 | | |
| Output circuit | Type of connection | Terminal connection | ns. | | | | | | | | | | | | |
| | 15,352.0 | Pin: | 10 | 12 | 11 | 2 | - 5 | 6. | - 8 | - 1 | - 3 | - 4 | PH | | |
| LASSARO | 40.1 | Signal: | 0.0 | «V | 0 Vers | | Α. | Ā | 8 | | 0 | 0 | + | | |
| Output circuit | Type of connection | M23 connector, 12 | | | _ | _ | | | | | | | _ | | |
| | | Pin; | 1 | 2 | | - | 3 | - 4 | - 5 | - 6 | 7 | | PH | | |
| 1.4.5.6 | 2 | Signal: | ov | 4V | 0 Vers | | A | Ä | | 1 | 0 | 0 | + | | |
| Output circuit | Type of connection | M12 connector, 8-p | | | | _ | | | | | _ | | | | |
| 7,440 | | Cable colour: | WH | BN | GYPK | RDBU | GN | YE | GY | PK | BU | RD | Shield | | |
| 1.45.6 | 10 | Signal: | ov | +V | | +Vses | A | X | - 8 | 1 | .0 | 0 | + | | |
| Output circuit | Type of connection | Cable (isolate unus | | | | | | | | | | | | | |









