

Ultraljudsgivare

Dimension

80x80x43 mm

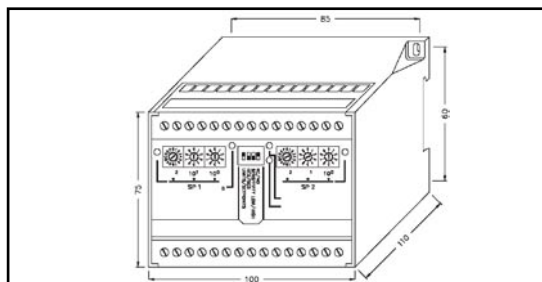
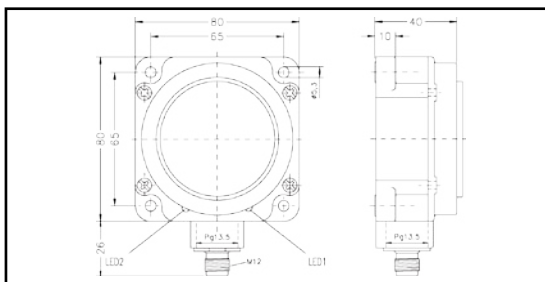
Avkänningstyp

För och bakgrundsavbländning + temp.mätning

Avkänningsavstånd

4000 mm

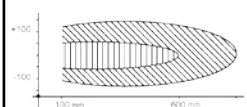
Spänning 19-30 VDC
Med plintanslutning
Integrerad förstärkare
8° avkänningsvinkel
LED-indikering
Känslighetsjustering
Temperaturkompensation
Kortslutningsskydd
Felpolariseringsskydd
Transientskydd
IP 67
CE-märkning



Inkoppling

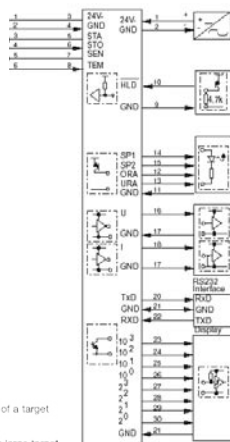
Pin assign- ment

- | | |
|---|-------------------------------|
| 1 | 24 VDC |
| 2 | STO |
| 3 | GND |
| 4 | STA |
| 5 | Temp R _i
≈ 10 K |



Guaranteed detection of a target
100 x 100 mm

Possible detection of a large target



- | | | | |
|----------------------------------|--|------------------------|-------------------------|
| External power supply | | Display outputs | |
| 1 | 24 V Power supply | 23 | 10 ¹ Digit 3 |
| 2 | GND Ground, power supply | 24 | 10 ² Digit 2 |
| Sensor head UC80CND80FSM1 | | 25 | 10 ³ Digit 1 |
| 3 | 24 V Sensor supply | 26 | 10 ⁴ Digit 0 |
| 4 | GND Ground, sensor supply | 27 | 2 ¹ Digit 3 |
| 5 | STA Transmit pulse | 28 | 2 ² Digit 2 |
| 6 | STO Received pulse | 29 | 2 ³ Digit 1 |
| 7 | SEN Receiver sensitivity (not connected) | 30 | 2 ⁴ Digit 0 |
| 8 | TEM Temperature signal | | |
| Remote control | | | |
| 9 | GND Ground | | |
| 10 | HLD Transmit disable, synchronisation | | |
| Switching outputs | | | |
| 11 | GND Ground | | |
| 12 | ORA Over Range, no received pulse | | |
| 13 | URA Under Range, "blind zone" | | |
| 14 | SP1 Setpoint 1 | | |
| 15 | SP2 Setpoint 2 | | |
| Analogue outputs | | | |
| 16 | U Voltage output 0...10V | | |
| 17 | GND Ground for voltage output | | |
| 18 | I Current output 4...20mA | | |
| 19 | GND Ground for current output | | |
| Interface, serial output | | | |
| 20 | TxD Data output, serial | | |
| 21 | GND Ground, Data output, serial | | |
| 22 | RxD Data input, serial | | |

BN - Brun
BK - Svart
BU - Blå



NPN	Beställ.Nr	
	Typ	

1802-012	
UA 80 CNS 80 FS M1	

Teknisk Data

Avkänningsavstånd

800 - 8000 mm

800 - 8000 mm (Teach-in)

Matningsspänning

19-30 VDC (inkl. rippel)

19-30 VDC (inkl. rippel)

Rippel

< 10 %

< 10 %

Strömförbrukning

< 50mA

< 20mA

Linjaritetsfel

< 0,5 %

< 0,5 %

Repeternoggrannhet

< 0,5 %

< 0,5 %

Ripepel

< 10 %

< 10 %

Arbetstemperatur

-15...+70°C

0...+50°C

Skyddsklass

IP 67

IP 40

Kortslutningsskydd

Ja

Ja

Felpolariseringsskydd

Ja

Ja

Transientskydd

Ja

Ja

Indikering

LED

Display

Kapslingsmaterial

Poliester BPTP

ABS

Anslutning

Plint; PG 13,5

Plint

Märkning / Godkännande

CE

CE