

Dimension

80x80x43 mm

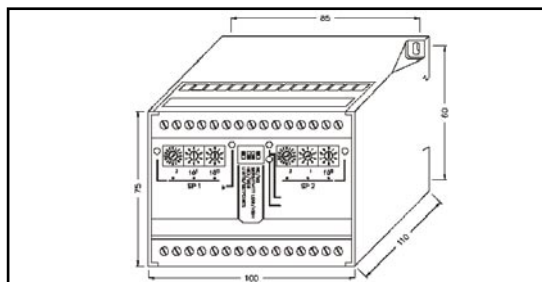
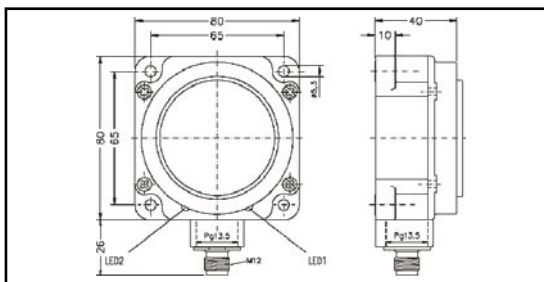
Avkänningstyp

För och bakgrundsavbländning + temp.mätning

Avkänningsavstånd

4000 mm

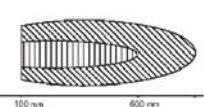
Spänning 19-30 VDC
Med plintanslutning
Integrerad förstärkare
8° avkänningsvinkel
LED-indikering
Känslighetsjustering
Temperaturkompensation
Kortslutningsskydd
Felpolariseringsskydd
Transientskydd
IP 67
CE-märkning



Inkoppling

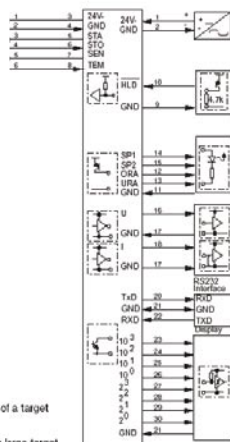
Pin assign- ment

- | | |
|---|-------------------------------|
| 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

1 24 V Power supply

2 GND Ground, power supply

3 24 V Sensor supply

4 GND Ground, sensor supply

5 STA Transmit pulse

6 STO Received pulse

7 SEN Receiver sensitivity (not connected)

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

Display outputs

23 10¹ Digit 3

24 10² Digit 2

25 10³ Digit 1

26 10⁰ Digit 0

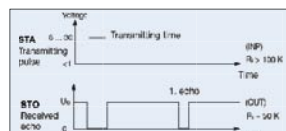
27 2¹ Digit 3

28 2² Digit 2

29 2¹ Digit 1

30 2⁰ Digit 0

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