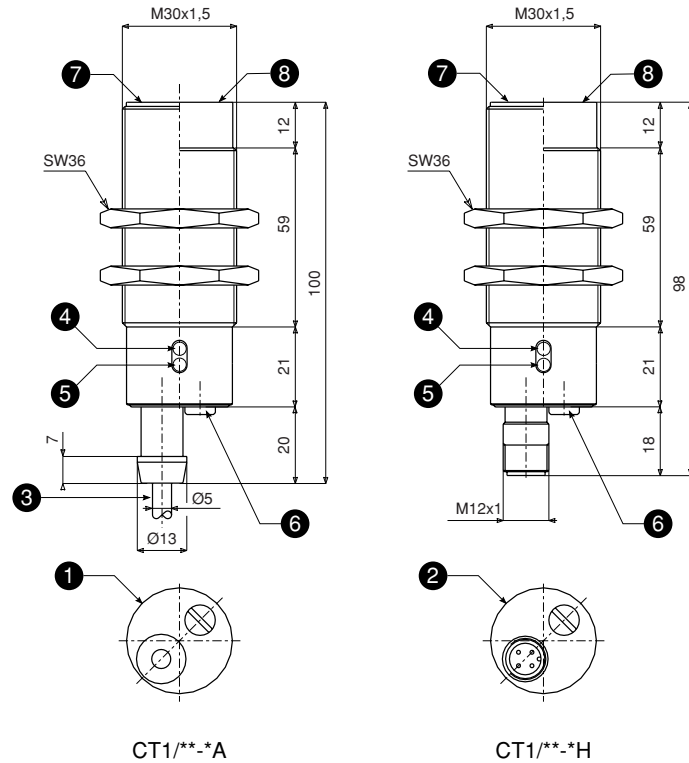


1.2

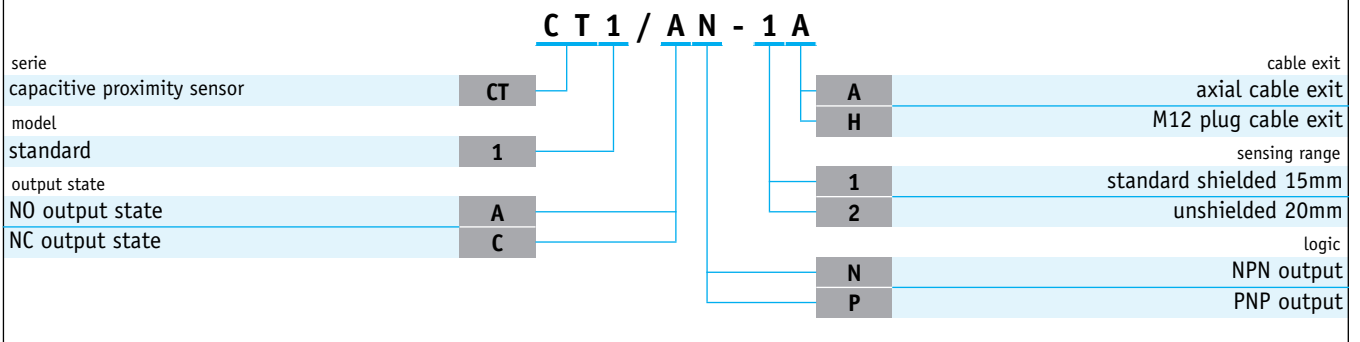
**SERIE CT**

**Capacitive proximity sensors M30 - DC**

- ◆ Sensitivity adjustment with 20 turns trimmer
- ◆ Metal housing
- ◆ Axial cable exit and M12 metal plug cable exit
- ◆ Double LED indicator
- ◆ Protection degree IP65
- ◆ Complete protection against electrical damages


**DIMENSIONAL DRAWING**

**Key**

- |   |   |
|---|---|
| 1 | Axial cable exit                              |
| 2 | M12 plug cable exit                           |
| 3 | Cable 3x0,34mm <sup>2</sup> , Ø5mm, PVC, 2m   |
| 4 | Red LED (NO output energized)                 |
| 5 | Green LED (supply)                            |
| 6 | Trimmer for sensitivity adjustment (20 turns) |
| 7 | Shielded version                              |
| 8 | Unshielded version                            |
- Connectors **CD** serie  
Accessories **ST** serie

**IDENTIFICAZIONE PRODOTTO**


SPECIFICATIONS		
Model	<b>CT1/**-1*</b>	<b>CT1/**-2*</b>
Nominal sensing distance $S_n$ <sup>(1)</sup>	2...15mm	2...20mm
Operating distance	2...12mm	2...16mm
Differential travel		2...20%
Repeat accuracy		10%
<b>Operating voltage</b>		10-30Vdc
Ripple		≤10%
No-load supply current		8mA
<b>Load current</b>		≤200mA
Leakage current		≤10μA
Voltage drop		0,75/1,8V max. $I_L=10/200mA$
<b>Output type</b>		NPN o PNP NO o NC
Switching frequency		100Hz
Time delay before availability		100ms
<b>Supply electrical protection</b>		polarity reversal, transient
Output electrical protections		short circuit (autoreset)
<b>Temperature range</b>		-25°...+70°C
Temperature drift		20% Sr
<b>Protection degree (DIN 40 050)</b>		IEC IP65
LED indicators		Green (supply), Red (NO output energized)
<b>Housing material</b>		nickel-plated brass
Sensing face material		PBT
Tightening torque		100Nm
Weight (approx.)		280g (cable exit), 200g(plug exit)

