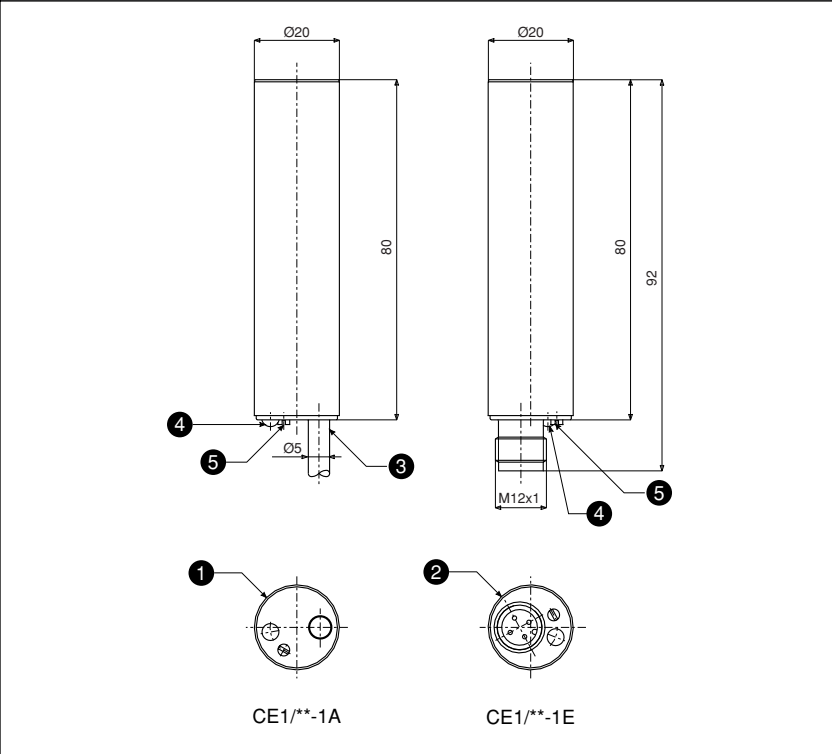


1.2

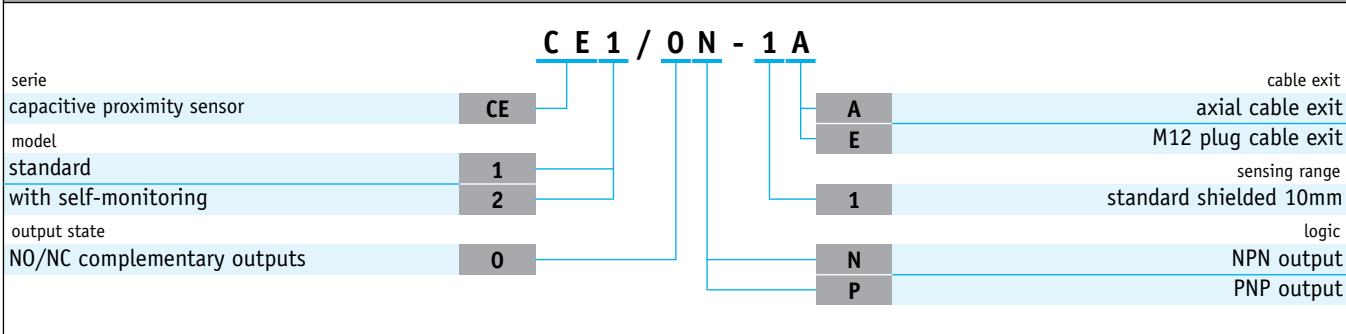
**SERIE** **CE**

**Capacitive proximity sensors  
Ø20mm - DC**

- ◆ Models with or without self-monitoring
- ◆ Sensitivity adjustment with 20 turns trimmer
- ◆ NO-NC complementary outputs
- ◆ Metal housing in stainless steel
- ◆ Axial cable exit and M12 plastic plug cable exit
- ◆ LED status indicator
- ◆ IP65 protection degree
- ◆ 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, 3m
  - 4 LED status indicator (NO output energized)
  - 5 Trimmer for sensitivity adjustment (20 turns)
- Connectors **CD** serie

**ORDERING SYSTEM**


SPECIFICATIONS		
Model	CE1/0*-1*	CE2/0*-1*
Nominal sensing distance $S_n$ <sup>(1)</sup>	1,5...10mm	
Operating distance	1,5...7,2mm (shielded)	
Differential travel	2...15%	
Repeat accuracy	5%	
Operating voltage	10-30Vdc	
Ripple	≤ 15%	
No-load supply current	17mA	
Load current	≤ 100mA	
Leakage current	≤ 1μA	
Voltage drop	1,5V max. $I_L=100mA$	
Output type	NPN or PNP NO / NC complementary with open collector	
Switching frequency	300Hz	
Self-monitoring pulse frequency	-	period 4-8ms (6,2ms nominal), duration 150-300μs (220μs nominal)
Supply electrical protection	polarity reversal, transient	
Output electrical protections	short circuit (autoreset)	
Temperature range	-25°...+70°C	
Temperature drift	20% Sr	
Protection degree (DIN 40 050)	IEC IP65	
LED indicators	Yellow (NO output energized)	
Housing material	stainless steel	
Sensing face material	LCP	
Weight (approx.)	160g	50g

