

Type matrix of capacitive sensors

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.
K	C	N	-	T	1	2	N	S	/	0	0	4	-	K	L	P
Product group			Housing design			Output			Sensing distance			Options				

1 K = Non-contact proximity switch

2 C = Capacitive

3 B = Flush installation
N = Non-flush installation

4 Dash

5 M = Metric threaded barrel (metal housings)

T = Metric threaded barrel (plastic housings)

D = Cylindrical housings (metal)

R = Cylindrical housings (plastic)

Q = Rectangular housings (metal)

E = Rectangular housings (plastic)

N = Standard attachment according to DIN 50025/50037)

6/7 Two-digit number
12 = M 12 x 1 mm threaded barrel
18 = M 18 x 1 mm threaded barrel

30 = M 30 x 1.5 mm threaded barrel

32 = M 32 x 1.5 mm threaded barrel

20 = 20 mm diameter

22 = 22 mm diameter

34 = 34 mm diameter

44 = 40 x 40 x 120 mm

68 = 68 x 30 x 15 mm

8 P = PNP
N = NPN
A = AC 2-wire
R = Relay
G = Push/pull
D = Dual output switching device

9 S = Normally-open contact
Ö = Normally-closed contact
P = Programmable switch
A = Analogue
U = Complementary

10 Slash

11/12/13 Sensing distance

Examples: 1.5 = 1.5 mm

002 = 2 mm

040 = 40 mm

14 Slash

15 K = Short-circuit proof

16 L = LED

17... Cable length
Examples: 2 = 2 m
6 = 6 m

E = Extendible sensing distance

V = Short body design

P = Potentiometer

PU = Polyurethane cable

S = Detachable connection (terminal compartment)

SD = Plug connectors, according to DIN with fitted cable socket

SM = Mini socket snap fit

S8 = M 8 quick disconnect screw type

SM8 = M 8 quick disconnect universal snap and screw

S12 = M 12 quick disconnect screw type

N = Stainless steel housing

F = High switching frequency

T = High temperature resistance

Wiring diagrams of DC output types

Key to colour coding of cable

- BN = brown
- BU = blue
- BK = black



