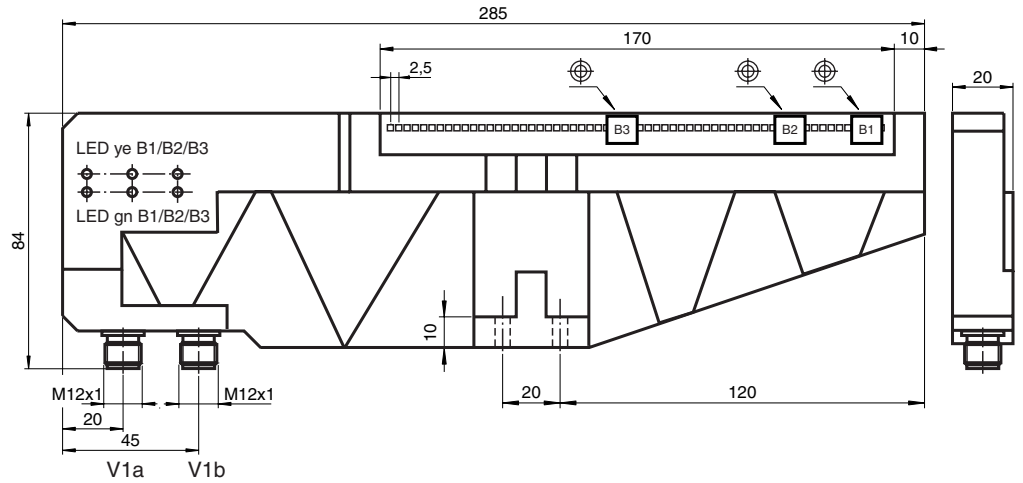


Inductive proximity switches

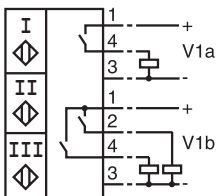
NBN3-FCS7-3E2-2V1

Interrogation data set for
C Tongs



Switching element function	PNP	Make function
Rated operating distance s_n	3 mm	
Installation	not embeddable	
Assured operating distance s_a	0 ... 2,4 mm	
Reduction factor r_{AI}	0,4	
Reduction factor r_{Cu}	0,3	
Reduction factor r_{V2A}	0,7	
Operating voltage U_B	10 ... 30 V	
Switching frequency f	0 ... 500 Hz	
Reverse polarity protection	yes	
Short circuit protection	pulsing	
Voltage drop U_d	≤ 3 V	
Operating current I_L	0 ... 100 mA	
Off-state current I_r	0 ... 0,5 mA typ.	
No-load supply current I_0	≤ 10 mA	
Operating voltage display	1 green LED green for each sensor	
Indication of the switching state	1 yellow LED for each sensor	
Standards	EN 60947-5-2	
Ambient temperature	0 ... 50 °C (273 ... 323 K)	
Connection type	2 x V1 connector	
Housing material	PA 6 Metal fixing block for M6-screw	
Protection degree	IP65	
Note	el. values for each sensor discontinued model successor: NBN3-F1CS7-3E2-2V1 available accessories: transparent cover SH-FC	

Connection_type:



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2003-04-11

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