

INDUCTIVE PROXIMITY SWITCHES

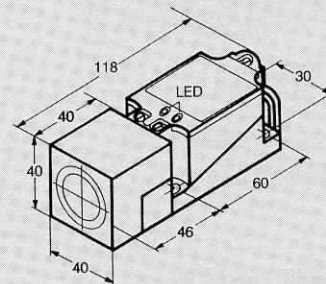
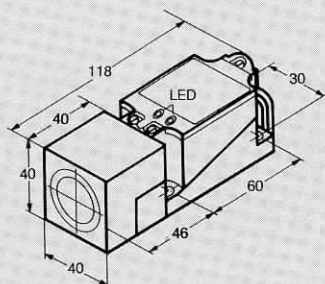
For DC operation
Limit switch style
housings to EN 50025

Technical Data

ENT 15

ENT 20

ENT 30



Head adjustable 5 ways

Head adjustable 5 ways

Housing style		40 x 40 x 118	40 x 40 x 118	40 x 45 x 118
Switching Distance	[mm]	15	20	30
Mounting	Flush Non-Flush	x	x	x
Operating Voltage	[V]	10...30	10...30	10...30
Ripple	[%]	10	10	10
No Load Current	[mA]	20	20	20
Continuous Current	[mA]	200	200	200
Leakage Current	[mA]	≤ 0,01	≤ 0,01	≤ 0,01
Surge Current 10 ms/5 Hz	[A]	—	—	—
Min. Continuous Current	[mA]	—	—	—
Voltage Drop	[V]	≤ 3	≤ 3	≤ 3
Switching Frequency	[Hz]	300	300	300
Switching Hysteresis	[%]	3...15	3...15	3...15
Repeatability	[%]	2	2	2
Housing Material		PBTB	PBTB	PBTB
Material of Plastic Parts				
Connection		Terminal Box for max 1,5 [□]	Terminal Box for max 1,5 [□]	Terminal Box for max 1,5 [□]
Protection Category		IP 67	IP 67	IP 67
Operating Temperature	[°C]	− 25...+ 70	− 25...+ 70	− 25...+ 70
Temperature Error	[%]	± 10	± 10	± 10
Function Indicator	LED	Yes	Yes	Yes
Short Circuit Protection		Yes	Yes	Yes
Reverse Polarity Protection		Yes	Yes	Yes
Weight ca.	[g]	250	250	250
Ordering Details		Part No.	Part No.	Part No.
PNP Normally Open		4152/13 KC	4202/13 KC	4302/13 KC
PNP Normally Closed				
PNP Complementary		4152/23 KC	4202/23 KC	4302/23 KC
NPN Normally Open		4152/11 KC	4202/11 KC	4302/11 KC
NPN Normally Closed				
NPN Complementary		4152/21 KC	4202/21 KC	4302/21 KC