

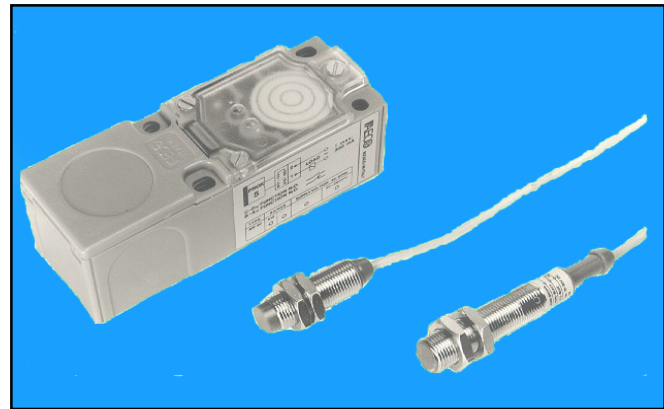


AC 2 Wire Proximity Sensors

SIA and SIP40

TECHNICAL FEATURES

- BLOCK AND CYLINDRICAL SHAPED INDUCTIVE AC AMPLIFIED TWO WIRE SENSORS, OPERATING FROM SUPPLY VOLTAGES FROM 90V to 250V AC. OUTPUT CURRENT IS 200mA FOR DIRECT SWITCHING APPLICATIONS. BOTH STYLES ARE AVAILABLE IN FULLY OR PARTLY SHIELDED HOUSINGS.**
- LED STATUS INDICATOR**
- SENSING DISTANCES FROM 5 to 15mm**
- OUTPUT CURRENT 200mA**
- TO IP67 & DIN 50008-50010-50036**



FULLY SHIELDED		PART SHIELDED
SIP40A	BLOCK	SIP40AE BLOCK
Switching Distance	10mm	15mm
Switching Frequency	12Hz	12Hz
Repeatability	< 0.3	< 0.3
Body Diameter	Block	Block
SI18A	φ 18mm	SI18AE φ 18mm
Switching Distance	5mm	8mm
Switching Frequency	12Hz	12Hz
Repeatability	< 0.2	< 0.2
Body Diameter	18mm	18mm
SI30A	φ 30mm	SI30AE φ 30mm
Switching Distance	10mm	15mm
Switching Frequency	12Hz	12Hz
Repeatability	< 0.3	< 0.3
Body Diameter	30mm	30mm

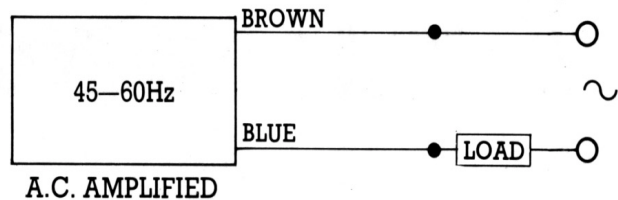
ORDERING DETAILS

SIP40A
SIP40AE
SI18A
SI18AE
SI30A
SI30AE

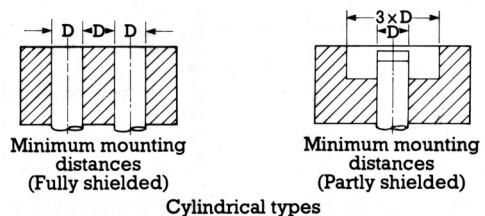
TECHNICAL SPECIFICATION

SUPPLY VOLTAGE(S)	90V to 250V AC
CONTROL	Normally open contacts
OUTPUT	Output current 200mA
HYSTERESIS	Between 6 & 12% of the switching distance
OPERATING TEMPERATURE	-25 °C to + 70 °C
HOUSING	SIP40 – Rectangular plastic case, cable gland & terminal connections. SIA – Threaded chrome brass both to IP67
PROTECTION	Protected against polarity reversal and industrial eddy currents
COLOUR CODING	Makrolon parts colour coded light blue (for all AC types)

CONNECTION DETAILS



MOUNTING DETAILS



DIMENSIONS

