Plastic squareshape inductive sensors **LE40SZ** series



Features

- ◆ Extended sensing distance;
- ◆ASIC design, safe and reliable;
- ◆Perfect choice for metallic targt detection;

CE

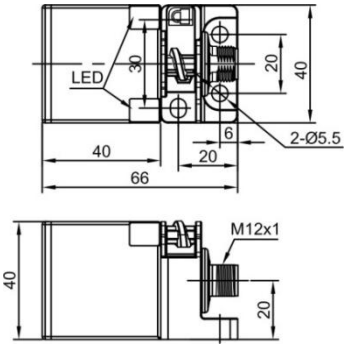
Part number

AC 2 wiresNO	LE40SZSF20ATOY-E2	LE40SZSN40ATOY-E2	AC 2 wiresNC	LE40SZSF20ATCY-E2	LE40SZSN40ATCY-E2

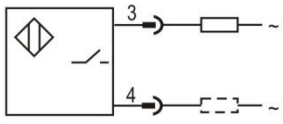
Technical specifications

Mounting	Quasi -flush	Non-flush	Leakage current [Ir]	≤3mA
Rated distance [Sn]	20mm	40mm	Circuit protection	… …
Assured distance [Sa]	0…16mm	0…32mm	Output indicator	Yellow LED
Dimensions	40mm*40mm*66mm		Ambient temperature	-25℃…70℃
Output	NO/NC(depends on part number)		Ambient humidity	35-95%RH
Supply voltage	20…250 VAC		Switching frequency [F]	20 Hz
Standard target	Fe 75*75*1t	Fe 120*120*1t	Voltage withstand	1000V/AC 50/60Hz 60S
Switch-point drifts[%/Sr]	≤±10%		Insulation resistance	≥50MΩ (500VDC)
Hysteresis range [%/Sr]	1…20%		Vibration resistance	10…50Hz (1.5mm)
Repeat accuracy [R]	≤3%		Degree of protection	IP67
Load current	≤300mA		Housing material	PBT
Residual voltage	≤10V		Connection type	M12 connector

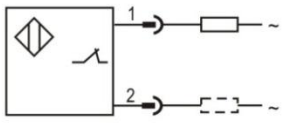
Dimensions



Wiring diagram



NO



NC

