



Position sensors

Maximum sensing range with minimum protrusion



Inductive sensors



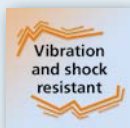
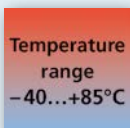
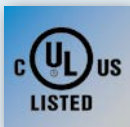
High excess gain due to increased sensing ranges with almost flush installation

NO and NC in one device reduces stock-keeping

Universally applicable thanks to high temperature range

Housing design allows fast installation at perfect installation depth

High ingress resistance due to protection rating IP 65 to IP 69K



One sensor for different applications

Whether in factory automation, applications with coolants and lubricants or in mobile applications: these inductive sensors are convincing due to their universal and permanent usability combined with high performance, temperature stability and protection rating.

Quasi flush installation

Furthermore, they combine high sensing ranges with an almost flush installation. This combination offers the best possible protection against mechanical tolerances. Damage to the sensor is thus minimised as far as possible. The installation is self-explanatory: simply screw the sensor in until the end of the thread and the perfect fit is guaranteed.

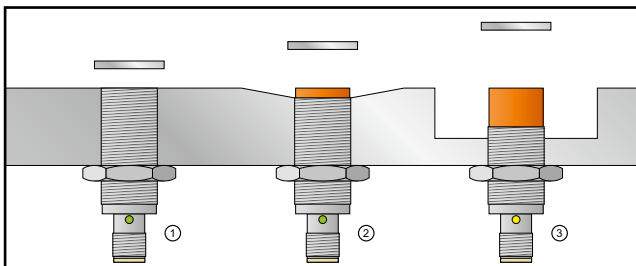


Type	Total length [mm]	Sensing range [mm]	Installation	Temperature range [°C]	Protection rating	Output	Order no.
M12 x 1	45	6	quasi flush	-40...85	IP 65...IP 69K	NO and NC	IFS340
M18 x 1	45	10	quasi flush	-40...85	IP 65...IP 69K	NO and NC	IGS340
M30 x 1.5	50	18	quasi flush	-40...85	IP 65...IP 69K	NO and NC	IIS340

Accessories

Type	Description	Order no.
	Angle bracket for type M12	E10735
	Angle bracket for type M18	E10736
	Angle bracket for type M30	E10737
Connection technology		
	M12 connection cable, straight, 2 m black, PUR cable	EVC001
	M12 connection cable, straight, 5 m black, PUR cable	EVC002
	M12 connection cable, angled, 2 m grey, PUR cable	EVC004
	M12 connection cable, angled, 5 m grey, PUR cable	EVC005

Further technical data		
Electrical design	[DC]	PNP
Output functions		NO and NC
Operating voltage	[V DC]	10...30
Current rating Output	[mA]	100
Reverse polarity protection		yes
Short-circuit protection		yes
Protection class		III
Switching status indication	[LED]	yellow
Housing materials		Brass plated with white bronze; PBT; PEI
Accessories supplied		2 fixing nuts



- 1) flush
- 2) quasi flush
- 3) non-flush