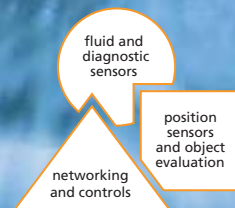


ifm efector



# Stainless steel metal face inductive sensors for food and beverage

Inductive proximity sensors



ifm efector – close to you!



**316 stainless steel metal face sensors for food and beverage**

## A new benchmark for price / performance in food and beverage applications

### Designed and tested for use in high temperature (0 to 100°C) food and beverage applications

ifm's stainless steel metal face sensors are designed and tested to provide reliable position detection in extreme environments found in food and beverage applications.

The sensor's 316 stainless steel housing is chemically-compatible with industrial cleaning solutions and will not corrode.

The sensor's zero-leak design, rated IP69K, prevents ingress during high-pressure cleaning and steam cleaning.

High-grade stainless steel

Operating temperature up to 100°C

IP 67  
IP 68  
IP 69 K

Resistant to aggressive media



**Stainless steel metal face sensors**

### Tested to extremes

*ifm stainless steel sensors are subjected to a variety of tests that insure reliable performance in the application. These tests include the IP69K high pressure cleaning test, thermal shock test, and shock and vibration tests.*






### Cordset compatibility




*ifm offers the ecolink cordset family that is designed for food and beverage applications. High grade stainless steel coupling nuts, gold-plated contacts and an O-ring that is compressed to permanently maintain its sealing function. The cordsets are rated IP67 / IP68 and IP69K for washdown environments.*




## Technical

Description	Dimensions length [mm]	Sensing range [mm]	f [Hz]	Part No.	Unit Price (USD)
<b>M12 connector · 3-wire DC PNP · Normally open output</b>					
 M12	L = 60	3 flush	100	<b>IFT240</b>	\$61.00
 M18	L = 70	5 flush	100	<b>IGT247</b>	\$63.00
 M30	L = 70	10 flush	50	<b>IIT228</b>	\$66.00
Operating voltage [V DC]			10...36		
Current consumption [mA]			< 20		
Load [mA]			100		
Short-circuit protection, pulsed			•		
Reversed polarity, overload prot.			• / •		
Voltage drop [V]			< 2.5		
Protection rating			IP 67 / IP 68 / IP69K		
Function display LED			switching status yellow (4 x 90°)		
Operating temperature [°C]			0...100		
Housing material			316 stainless steel		

## Cordsets

Type	Description	Part No.	List Price (USD)
<b>M12 connector · 4-pin micro DC</b>			
	5 m PVC, without LED	<b>EVT001</b>	\$14.00
	10 m PVC, without LED	<b>EVT002</b>	\$17.00
	25 m PVC, without LED	<b>EVT003</b>	\$28.00
	5 m PVC, without LED	<b>EVT004</b>	\$14.00
	10 m PVC, without LED	<b>EVT005</b>	\$17.00
	25 m PVC, without LED	<b>EVT006</b>	\$28.00
	5 m PVC, with LED	<b>EVT007</b>	\$15.50
	10 m PVC, with LED	<b>EVT008</b>	\$18.50
	25 m PVC, with LED	<b>EVT009</b>	\$29.50

## Accessories

Housing	Part No.	List Price (USD)
 M12 L bracket	<b>U 20301</b>	\$4.25
M18 L bracket	<b>U 20302</b>	\$4.50
M30 L bracket	<b>U 20303</b>	\$4.75

Stainless steel metal face sensors for food and beverage applications

- Stainless steel sensor face and housing withstand damage from impact resulting in extended sensor life
- Temperature range up to 100°C
- Chemically compatible with industrial caustic and acid solutions
- Thermal shock tested to withstand temperature fluctuations
- Housing will not corrode
- Zero leak design prevents ingress during high pressure cleaning and steam cleaning
- Permanent laser etched part numbers will not wear off over time
- 360° ring LED design indicates power and output
- Cordsets with PVC cable, stainless steel coupling nut and gold contacts

Order a free sample – [www.ifmefactor.com/response](http://www.ifmefactor.com/response)

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Or, contact our Service Center at 800-441-8246 to speak with one of our trained engineers, mention code **FBB001**.

# ifm product line catalogs



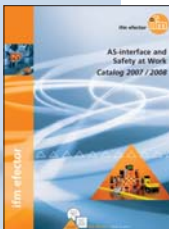
## Position sensors and object evaluation

- Inductive sensors
- Inductive safety technology
- Magnetic and cylinder sensors
- Capacitive sensors
- Actuator and valve sensors
- Photoelectric sensors
- Object evaluation systems



## Fluid and diagnostic sensors

- Level sensors
- Flow sensors
- Pressure sensors
- Temperature sensors
- Diagnostic systems



## Networking and controls

- Identification systems
- Control systems for mobile vehicles
- Evaluation systems, power supplies
- AS-i bus system
- Connection technology

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