

IV0005



Inductive sensor

IVE2030-FBOW

Article no longer available - archive entry

Alternative articles: IV0007
When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics		
Output function		normally open / closed; (selectable)
Sensing range	[mm]	30
Housing		rectangular
Dimensions	[mm]	40 x 40 x 118
Electrical data		
Frequency AC	[Hz]	47...63
Operating voltage	[V]	20...250 AC
Protection class		II
Reverse polarity protection		no
Outputs		
Output function		normally open / closed; (selectable)
Max. voltage drop switching output AC	[V]	7
Minimum load current	[mA]	8
Max. leakage current	[mA]	2.5

IV0005



Inductive sensor

IVE2030-FBOW

Permanent current rating of switching output AC	[mA]	500
Switching frequency AC	[Hz]	20
Short-circuit protection		no
Overload protection		no

Monitoring range		
Sensing range	[mm]	30
Real sensing range Sr	[mm]	30 ± 10 %
Operating distance	[mm]	0...24.3

Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 0.3 / copper: 0.2
Hysteresis	[% of Sr]	1...15
Switch-point drift	[% of Sr]	-10...10

Operating conditions		
Ambient temperature	[°C]	-25...70
Protection		IP 67

Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data		
Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	40 x 40 x 118
Material		PBT

Displays / operating elements		
Display	Switching status	1 x LED, yellow
	Power	1 x LED, green

Remarks		
Remarks		cable gland (E11270) to be ordered separately
Pack quantity		1 pcs.

IV0005



Inductive sensor

IVE2030-FBOW

Electrical connection

terminals: ...2.5 mm²

Connection

