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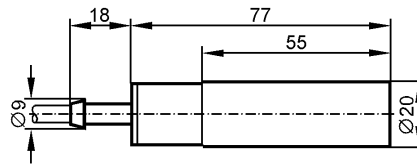
efector100

IA5034



IA-4010-DNOG

Inductive sensors



Product characteristics

Inductive sensor

Plastic housing \varnothing 20 mm

Cable

Analog output

Sensing range 10 mm; [nf] non-flush mountable

Electrical data

Electrical design

Operating voltage [V]

Current consumption [mA]

Outputs

Max. load [Ω]

Output voltage [V]

Output voltage characteristics

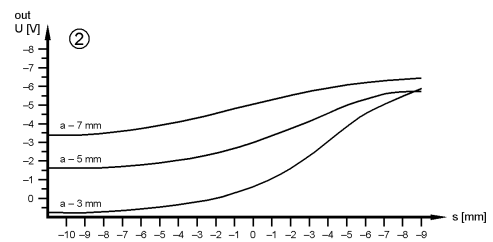
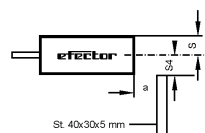
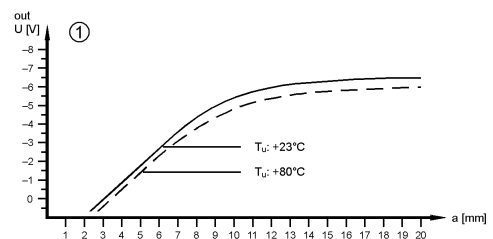
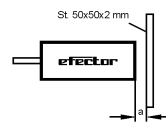
DC analog

+ 15 DC / - 15 DC

< 6

1000

dUmax = 6



1: Output voltage for frontal approach of the damping material

2: Output voltage for lateral approach of the damping material

Monitoring range

Sensing range [mm]

Operating distance [mm]

Environment

10

2...10

IA5034 - Inductive sensor - eclass: 27270101 / 27-27-01-01

Ambient temperature [°C]	-25...80
Protection	IP 67
Tests / approvals	
MTTF [Years]	2154
Mechanical data	
Mounting	non-flush mountable
Housing materials	PBT
Weight [kg]	0.171
Electrical connection	
Connection	PVC cable / 2 m

Wiring

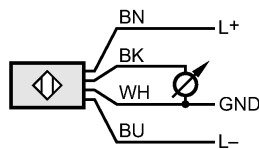
Core colors

BK black

BN brown

BU blue

WH white



Accessories	
Accessories (included)	Mounting clamp
Remarks	
Pack quantity [piece]	1

ifm efector, inc. • 1100 Atwater Drive • Malvern • PA 19355 — We reserve the right to make technical alterations without prior notice. — US — IA5034 — 07.02.2013

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