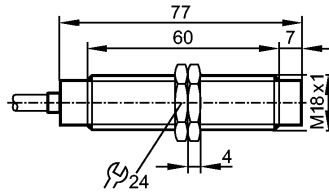


IG6119

IGA3008ZBPKG/5M/SH

Inductive sensors



Product characteristics

Inductive sensor
Metal thread M18 x 1
Cable
For applications in high-temperature areas
Sensing range 8 mm; [nf] non-flush mountable

Electrical data

Electrical design	DC PNP
Operating voltage [V]	10...35 DC
Current consumption [mA]	< 15
Protection class	III
Reverse polarity protection	yes

Outputs

Output function	normally open
Voltage drop [V]	< 2
Current rating [mA]	150
Short-circuit proof	yes
Overload protection	yes
Switching frequency [Hz]	400

Monitoring range

Sensing range [mm]	8
Operating distance [mm]	0...6.5

Accuracy / deviations

Correction factors	stainless steel approx. 0.6 / brass approx. 0.3 / aluminium approx. 0.2 / copper approx. 0.1
Hysteresis [% of Sr]	3...15
Switch-point drift [% of Sr]	-15...15

Environment

Ambient temperature [°C]	0...180
Protection	IP 65

Tests / approvals

EMC	EN 61000-4-2 ESD: 2 kV CD / 4 kV AD EN 61000-4-3 HF radiated: 3 V/m EN 61000-4-4 Burst: 2 kV EN 61000-4-6 HF conducted: 3 V
MTTF [Years]	185

Mechanical data

Mounting	non-flush mountable
Housing materials	threaded sleeve: stainless steel; active face: LCP

IG6119

IGA3008ZBPKG/5M/SH

Inductive sensors

Weight [kg] 0.262

Electrical connection

Connection silicone cable / 5 m; highly flexible

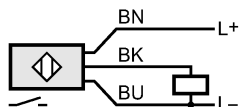
Wiring

Core colors

BK black

BN brown

BU blue



Accessories

Accessories (included) 2 lock nuts

Remarks

Pack quantity [piece] 1