

**IB080226**
**INDUCTIVE SENSORS • INCREASED SWITCHING DISTANCE**

sensor inductive, M8x1 66long, Flush, Sn: 3, 10-30V DC, PNP NC,  
Connector M12 3pin, IP67, Nickel silver Chrome-plated


**MECHANICAL FEATURES**

Active area material of sensor	PBTP
Alignment of cable entry	Axial
Ambient temperature	-25 °C ... 70 °C
Cable infeed	Axial
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing coating	Chrome-plated
Housing material	Nickel silver
Mechanical mounting condition for sensor	Flush
Pressure-proof	-
Sensor length	66 mm
Thread length	44 mm
Thread pitch	1 mm
Thread size, metric	8

**ELECTRICAL FEATURES**

Cascadable	-
Correction factor (aluminum)	0.3
Correction factor (brass)	0.41
Correction factor (copper)	0.27
Correction factor (St37)	1
Correction factor (stainl. steel)	0.72
Hysteresis	10 %
No-load current	10 mA
Norm measuring plate	9x9x1
Number of pins	3
Rated switching current	200 mA
Relative repeat accuracy	5 %
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 30 V
Switching distance	3 mm

## ELECTRICAL FEATURES

Switching frequency	1000 Hz
Type of electrical connection	Connector M12
Type of switching function	Normally closed contact
Type of switching output	PNP
Voltage drop	2 V
Voltage type	DC
With LED display	+
With monitoring function of downstream devices	-

## Other

Packaging dimensions	100mm x 17.0mm x 120mm
Shipping weight	0.03kg
Tariff code	85365019

## Classification

ipf product group	201
eClass 8.0	27270101
eClass 9.0	27270101
eClass 9.1	27270101
ETIM-5.0	EC002714
ETIM-6.0	EC002714
ETIM-7.0	EC002714

## Connection



