

## **Technical Data**

## Inductive sensor ASIQ80-CE80



Article number3060005Application purposeInductive proximity switch, suitable for e.g. misalignment monitoring of elevators or other actuators.Scope of deliverySensorGeneral informationMounting holesHousing materialPlasticDimensions80 x 105 x 50mmConnectionsShielded cable, length 3m, PVCZone allocationZone 22 or zone freeMeasurement methodIductiveElectrical DataPNP, NO, NCCurrent consumption<10 - 35VpcOutput functionPNP, NO, NCCurrent consumption<10 at 24VDCSwitching distance (Sn)<=10 at Sn=50mmSwitching frequenzy35HzRepeatability<=3 (at constant temp.)Sensor connectionIncorporatedMax. output current200mAVoltage drop<1.8VDC (output ON)Short circuit protectionIncorporatedLedIncorporatedMax. surface temp.+80°CAdditional temperatureNon-resettable at +70°C interventionImit systemSafety relevant dataProtection classIP protection classProtection class IIIIP protection classProtection class IIIIP protection classIP67ATEX certificationEX II 3D Ex tc IIIC T80°C Dc X	Article	Inductive sensor ASIQ80-CE80
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Operation voltage10 – 35VDCOutput functionPNP, NO, NCCurrent consumption< 10mA at 24VDC		Inductive
Output functionPNP, NO, NCCurrent consumption< 10mA at 24VDC		
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Max. output current200mAVoltage drop< 1.8VDC (output ON)	, ,	
Voltage drop< 1.8VDC (output ON)Short circuit protectionIncorporatedLedIncorporatedTemperature range-20°C bis +60°COperation-20°C bis +60°CStorage-25°C bis +60°CMax. surface temp.+80°CAdditional temperature limit systemNon-resettable at +70°C interventionSafety relevant dataProtection classProtection classIP67	Sensor connection	4 Wire, 4 x 0.25mm <sup>2</sup> , shielded
Short circuit protectionIncorporatedLedIncorporatedTemperature rangeOperation-20°C bis +60°CStorage-25°C bis +60°CMax. surface temp.+80°CAdditional temperature limit systemNon-resettable at +70°C interventionSafety relevant dataProtection classProtection classProtection class IIIIP protection classIP67	Max. output current	200mA
LedIncorporatedTemperature rangeOperation-20°C bis +60°CStorage-25°C bis +60°CMax. surface temp.+80°CAdditional temperature limit systemNon-resettable at +70°C interventionSafety relevant dataProtection classProtection classProtection class IIIIP protection classIP67	Voltage drop	< 1.8VDC (output ON)
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Max. surface temp.   +80°C     Additional temperature limit system   Non-resettable at +70°C intervention     Safety relevant data   Protection class     Protection class   Protection class III     IP protection class   IP67	Operation	-20°C bis +60°C
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Additional temperature limit systemNon-resettable at +70°C interventionSafety relevant dataProtection classProtection class IIIIP protection classIP67		+80°C
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IP protection class IP67		
	-	Protection class III
	IP protection class	IP67
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