product data sheet

item no. R1.311.1140.0

safety switch SIN 1140 M AC/DC 24V

Safety switch with guardlocking, separate actuator and metallic head, 1500 N, spring operated, contacts interlocking 3 NC, contacts guard locking 1 NC



item no.	R1.311.1140.0
EAN	4049088654718
order unit	1 piece(s)

certificates / approvals

technical data

electrical data - contact elements

protection class	II
rated insulation voltage Ui	250 V
rated impulse voltage	2.5 kV
short-circuit protective device	4 A gl

electrical data - magnets

protection class	II
duty cicle	100% ED (at E1; E2)
temperature class	F (155°C)
power consumption	< 6.7 VA
switch operatings permanent	600 1/h
operating voltage	24 V

mechanical data

housing material	thermoplastic GV (UL94-V0)
cover material	thermoplastic GV (UL94-V0)
actuating head material	die-cast zinc
separate actuator	yes
drawing force	# 10 N
interlocking principle	spring force
hold on force	< 1500 N
min. ambient temperature	-25 °C
max. ambient temperature	55 °C
switching principle contact elements	4 slow-action contacts max.
mechanical life	10^6 switching cycles

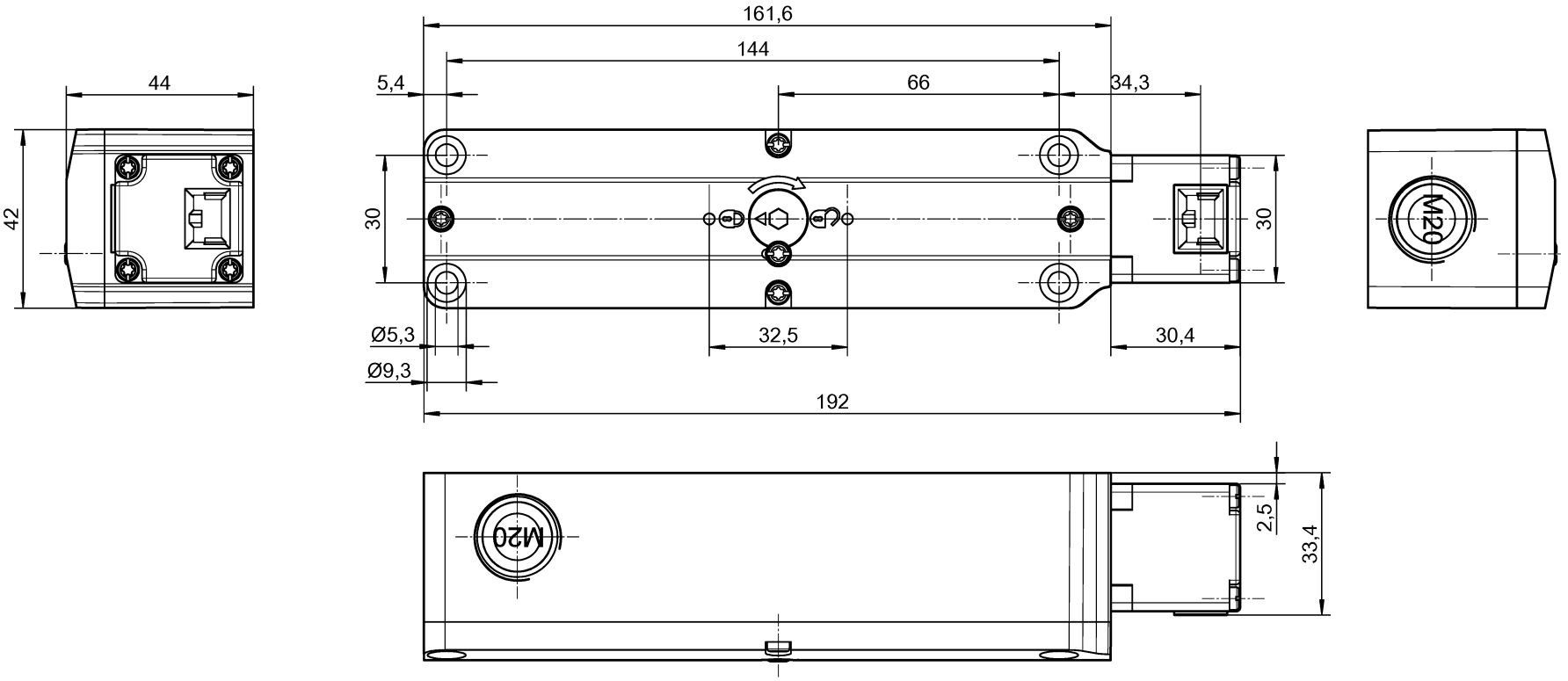
fastening	4 x M5
connection type	screw connection
max. conductor cross section (flex., stranded)	0.34 mm²
max. conductor cross section (flex., stranded)	1.5 mm²
cable entry	3 x M20x1.5
weight	0.5 kg
installation position	operator definable
degree of protection (IP)	IP67

accessories

item no.	type	description
R1.311.9001.0	actuator SIN 9001 M	Standard actuator, stainless steel, minimum actuating radius Rmin 800 mm
R1.311.9002.0	actuator SIN 9002 M	Flexible actuator, stainless steel, minimum actuating radius Rmin 400 mm
R1.311.9003.0	actuator SIN 9003 M	Cross actuator, stainless steel, minimum actuating radius Rmin 600 mm
R1.311.9004.0	actuator SIN 9004 M	Radius acutuator, stainless steel, minimum actuating radius Rmin 150 mm
R1.311.9005.0	Release options SIN 9005	Emergency release front
R1.311.9006.0	Release options SIN 9006 M	Escape release basic set
R1.311.9007.0	Release options SIN 9007	Extension module for escape release, length 40 mm

technical drawing

Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind ohne ausdrückliche schriftliche Genehmigung untersagt. The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited.



01-QU-RD-31/21

Teile-Nr. / Part.-No.	Typ / Type
R1.311.1120.0	SIN 1120 M
R1.311.1130.0	SIN 1130 M
R1.311.1140.0	SIN 1140 M
R1.311.1150.0	SIN 1150 M
R1.311.2120.0	SIN 2120 M
R1.311.2130.0	SIN 2130 M
R1.311.2140.0	SIN 2140 M

Weitere Angaben siehe KATALOG oder eKatalog.
Additional data see CATALOG or eCatalog.

www.wieland-electric.com
eshop.wieland-electric.com

ja/yes ☒ Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten.
Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach General tolerance

CAD-Zeichnung, keine manuellen Änderungen
CAD drawing, no manual modifications allowed

1. Verwendung: First Use:

Blatt: Sheet:

Werkstoff / Material

Maßstab/Scale

	Tag/Date	Name
2023		
gezeichnet drawn	09.05.	Koetzner

Elektronische Freigabe
Electronic Release

Zeichnung Nr. / Drawing No.
T R1.311.1120.0 01K

Maße in mm / Dimensions are in mm

Datei / File: 048011__01K.DCD

Ersatz für / Replacement for:

Index | Datum / Blatt Date / Sheet

Änderung / Revision

wieland

Type

Benennung / Title

Teilespezifikation / Component specification

Sicherheitsschalter SIN
safety switch SIN

2023-05-11 10:15:11 1.000