## **Sensor box SRBC-CA3-YR90-N-1-N-C2P20** Part number: 3482809

**FESTO** 



General operating condition

## **Data sheet**

c CSA sing (see declaration of conformity)  As possible arking (see declaration of conformity)  To Ul sourcers  KC E materials  Attegrity level (SIL)  As possible arking (see declaration of conformity)  To Ul sourcers  KC E materials  RoH!  SIL 2  Indu temperature  -20° g output temperature  g output g element function  N/O  Actiching frequency  1000  Actiching frequenc	S-compliant  2 active  CC 70 °C  contact  0 Hz  mA
As practing (see declaration of conformity)  To Ul To	er EU RoHS directive  K instructions for EMC K RoHS instructions  EMC S-compliant  2 active PC 70 °C  contact 0 Hz mA
To United States and S	K RoHS instructions  CMC S-compliant  2 Inctive  PC 70 °C  I contact  0 Hz  mA
materials  RoHs  Integrity level (SIL)  Ing principle  Indu  Itemperature  g output  g element function  Intching frequency  Intuition  Intuiti	S-compliant  2  active  C 70 °C  contact  0 Hz  mA
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tching frequency 1000  tput current DC 100  drop \$\leq\$ \$\leq\$ Uurrent  cuit protection Pulse  ating voltage range 10 V  polarity protection for a  itch type P&F  I connection \$\leq\$ Screet  I connection 1, connection type  I connection 1, cable outlet \$\leq\$ Strain	0 Hz mA
reput current DC 100 1 drop	mA
drop ≤3 V  Lourrent 0 mA  rouit protection Pulse ating voltage range 10 V  ent ≤15 i  polarity protection for a  itch type P&F  I connection 1, connection type I connection 1, cable outlet Strai	
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itch type P&F I connection Scre I connection 1, connection type Term I connection 1, cable outlet Strai	mA
l connection Scre l connection 1, connection type Term l connection 1, cable outlet Strai	all electrical connections
l connection 1, connection type  I connection 1, cable outlet  Strai	NBB2-V3-E0
l connection 1, cable outlet Strai	w terminal
	ninal strip
Leannection 1 connection technology Cario	ight
l connection 1, connection technology Sprir	ng-loaded terminal
l connection 1, number of pins/wires 10	
nominal conductor cross-section 0.25	5 mm <sup>2</sup> 2.5 mm <sup>2</sup>
ting M20.	)x1.5
d cable diameter 5 mm	m 13 mm
ons W x L x H	mm x 98 mm x 122 mm
ion point for positioner and position sensor conforms to VDI/	/VDE 3845 size AA 1
g position Any	
weight 800	g
colour Gray	ı
material Die-G	cast aluminum

Feature	Value
Seals material	NBR
Shaft material	High-alloy stainless steel
Material of screws	High-alloy stainless steel
Blanking plug material	PA
Material of mounting bracket	High-alloy stainless steel
Pointer material	PC
Material for cable connector	PA
Circlip material	High-alloy stainless steel
Disc material	High-alloy stainless steel
Cover cap material	PC
Position indicator	Yellow/red
Angle detection setting range	0 deg 90 deg
Storage temperature	-20 ℃ 50 ℃
Degree of protection	IP67 NEMA 4/4X
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
Corrosion resistance class (CRC)	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Contamination level	3