

SEJ PROXICAPTOR 2016

Nominal Operating Distance	Model Designation	Embeddable in the Metal	AC/DC	Output Function	Housing Material	Shapes	Properties	The others
4 mm	I-404.95	Impossible	AC	NO	PBT resin	small box-shape 26 × 40 × 12	Use for cam SW	
	I-404.94			NC				
	I-404.31		DC	NPN-NO				Three-wire system
5 mm	PR-605.21H150	Possible	DC	NPN-NO	stainless steel	M18 × 76L	High-temperature	150°C
	PU-605.95	Possible	AC	NO	Brass Nickel plating	M18 × 60L	General purpose	Short length
8 mm	PR-308.A3	Impossible	AC/DC	NO	Brass Nickel plating	M18 × 62L	General purpose	
10 mm	I-210.95	Impossible	AC	NO	PBT resin	Cylindrical φ 20 × 76L	General purpose	
	I-210.94			NC				
	I-210.31		DC	NPN-NO				Three-wire system
	PU-610.95	Possible	AC	NO	Brass Nickel plating	M30 × 60L	General purpose	Short length
	PU-610.31		DC	NPN-NO				
	PA-610.95	Possible	AC	NO	Brass Chrome plating	M30 × 80L	General purpose	
	PA-610.94			NC				
	I-210.95H	Impossible	AC	NO	PBT resin	Cylindrical φ 20 × 76L	High-temperature	100°C
	I-210.31H		DC	NPN-NO				
	PR-610.A2	Possible	AC/DC	NC	PBT resin	M30 × 80L	General purpose	
	PR-610.A3H	Possible	AC/DC	NO	PBT resin	M30 × 80L	High-temperature	100°C
	PR-210.A3	Impossible	AC/DC	NO	PBT resin	Cylindrical φ 20 × 75L	General purpose	
15 mm	I-215.95HTF- ×	Impossible	AC	NO	Fluorocarbon polymers (Teflon)	Cylindrical φ 34 × 79L	High-temperature – Chemical resistance	IP68
	I-215.94HTF- ×			NC				
	I-215.21HTF-X		DC	NPN-NO				
	PR-315.31	Impossible	DC	NPN-NO	PBT resin	M30 × 80L	General purpose	Three-wire system

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19 mm	PR-219.A3HTF-X	Impossible	AC/DC	NO	Fluorocarbon polymers (Teflon)	Cylindrical $\phi 35 \times 90L$	High-temperature Chemical resistance	IP68
	PR-219.31HTF-X		DC	NPN-NO				
20 mm	I-220.95	Impossible	AC	NO	PBT resin	Cylindrical $\phi 34 \times 80L$	General purpose	Three-wire system
	I-220.94			NC				
	I-220.31		DC	NPN-NO				
	I-220.30			NPN-NC				
	PR-220.A3	Impossible	AC/DC	NO	PBT resin	Cylindrical $\phi 34 \times 80L$	General purpose	Three-wire system
	PR-220.A2			NC				
	PR-220.31		DC	NPN-NO				
	I-220.95H	Impossible	AC	NO	PBT resin	Cylindrical $\phi 34 \times 80L$	High-temperature	100°C
	I-220.94H			NC				
	I-220.31H		DC	NPN-NO				
	I-220.30H			NC				
	PR-220.A3H	Impossible	AC/DC	NO	PBT resin	Cylindrical $\phi 34 \times 80L$	High-temperature	100°C
	PR-220.A2H			NC				
	PR-220.31H		DC	NPN-NO				
	I-120.95	Possible	AC	NO	Brass Chrome plating	$\phi 48 \times 45h$	General purpose	
	PR-320.A3	Impossible	AC/DC	NO	Brass Chrome plating	M38 $\times$ 80L	General purpose	
	PR-620.A3	Possible			Brass Nickel plating	PG36 $\times$ 70L		
30 mm	PR-230.A3	Impossible	AC/DC	NO	PBT resin	Cylindrical $\phi 34 \times 80L$	Sn=30mm	
45 mm	PR-145.A3	Possible	AC/DC	NO	Aluminum	$\phi 100 \times 55h$	General purpose	
	PR-145.A3W					$\phi 100 \times 64h$	Bottom plate 150 $\times$ 150	

Nominal Operating Distance	Model Designation	Embeddable in the Metal	AC/DC	Output Function	Housing Material	Shapes	Properties	The others
50 mm	I-450.A3	Half possible	AC/DC	NO	PPS resin	$\phi 80 \times 92h$	General purpose	
	I-450.A2			NC				
	203.65J	Impossible	AC	NO	PPE resin	$\phi 95 \times 33h$	Thin type	
	PR-250.A3	Impossible	AC/DC	NO	PBT resin	$\phi 80 \times 40h$	General purpose	
	PR-250.31		DC	NPN-NO				Three-wire system
	PR-050.A3	Impossible	AC/DC	NO	PBT resin	$80 \times 120 \times 30h$	Thin type	
70 mm	203.65R	Impossible	AC	NO	PPE resin	$\phi 95 \times 43h$	General purpose	
	203.64R			NC			General purpose	
	203.65S			NO		$\phi 95 \times 40h$	Without bottom plate	
	203.31R		DC	NPN-NO		$\phi 95 \times 43h$	General purpose	Three-wire system
	PR-203.A3	Impossible	AC/DC	NO	PBT resin	$\phi 94 \times 43h$	General purpose	
	PR-203.A2			NC				
	PR-203.31R		DC	NPN-NO				Three-wire system
	203.65RH	Impossible	AC	NO	PPE resin	$\phi 94 \times 43h$	High-temperature	100°C
	203.64RH			NC				
	PR-203.A3H	Impossible	AC/DC	NO	PPE resin	$\phi 94 \times 43h$	High-temperature	100°C
	PR-070.A3	Impossible	AC/DC	NO	PBT resin	$\phi 110 \times 43h$	General purpose	Integrated bottom plate
	PR-070.A2			NC				
	PR-070.A3H	Impossible	AC/DC	NO	PBT resin	$\phi 110 \times 43h$	High-temperature	Integrated bottom plate
	PR-070.A3H120	Impossible	AC/DC	NO	PBT resin	$\phi 110 \times 43h$	High-temperature (120°C)	Integrated bottom plate

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70 mm	9809-0300	Impossible	DC	NPN-NO	Aluminum Die-casting	50 × 100 × 40h	Use for aluminum detection	General purpose
	9809-0400							Different frequency
	9809-0500							
	9809-0600							
100 mm	206.65	Impossible	AC	NO	PPE resin	φ 163 × 68h	General purpose	
	206.64			NC				
	PR-206.A3	Impossible	AC/DC	NO	PBT resin	φ 163 × 68h	General purpose	
	PR-206.31		DC	NPN-NO				Three-wire system
	206.65H	Impossible	AC	NO	PPE resin	φ 163 × 68h	High-temperature	100°C
	206.64H			NC				
	PR-206.A3H	Impossible	AC/DC	NO	PBT resin	φ 163 × 68h	High-temperature	100°C

CAPACITIVE SENSOR

Nominal Operating Distance	Model Designation	Embeddable in the Metal	AC/DC	Output Function	Housing Material	Shapes	Properties	The others
15 mm	K-615.95	Possible	AC	NO	Brass Chrome plating	M30 × 80L	General purpose	
20 mm	PRK-220.A3	Impossible	AC/DC	NO	PPO resin	M32 × 70L	General purpose	
70 mm	PRK-203.A3	Impossible	AC/DC	NO	Plastics	φ 100 × 43L	General purpose	

BAR SENSOR

Nominal Operating Distance	Model Designation	Embeddable in the Metal	AC/DC	Output Function	Housing Material	Shapes	Properties	The others
80 mm	IKU-341.05 G	Impossible	AC	NO	Plastics	86 × 400L	General purpose	
220 mm	IKU-251.03F	Impossible	AC	NO	PVC resin	200 × 500L	Different frequency	
250 mm	IKU-2101.03	Impossible	AC	NO	PVC resin	200 × 1000L	General purpose	

FLUE SENSOR

Nominal Operating Distance	Model Designation	Embeddable in the Metal	AC/DC	Output Function	Housing Material	Shapes	Properties	The others
	FKM-130.53	Impossible	AC	NO	Polycarbonate (Makrolon)	φ 20 × 82L	For Gas	

RING SENSOR

Nominal Operating Distance	Model Designation	Embeddable in the Metal	AC/DC	Output Function	Housing Material	Shapes	Properties	The others
	9702-0259	Impossible	Use of exclusive amplifier AC	NO	Aluminum Die-casting	φ 20	φ 0.5mm	Dynamic output
	8701-0259					φ 51	φ 1mm	
	9705-0259					φ 51	φ 3mm	
	9700-0159					φ 100	φ 2mm	Dynamic output
	9708-0159					φ 100	φ 8mm	

MAGNETIC SENSOR

Nominal Operating Distance	Model Designation	Embeddable in the Metal	AC/DC	Output Function	Housing Material	Shapes	Properties	The others
80 mm	MYK-APPR-80ME-C1	Impossible	AC/DC	NO	Aluminum Die-casting	60 × 128	Use for crane control	Memory type

HMD

Model Designation	power supply voltage	Detection temperature	Properties
112.03	100V AC	360 – 800°C	
112.83	200V AC		
112.03H	100V AC		
112.83H	200V AC		
O-412.21	10 – 30V DC	Over 450°C	Self-diagnosis function for LLC failure
O-412.03	100V AC		
O-412.83	200V AC		

Optic
1/2°
1°
2°
7°

LLK Length	Model Designation
2m	H-LLK 2m
	PR-LLK 2m
3m	H-LLK 3m
	PR-LLK 3m
5m	PR-LLK 5m
7m	H-LLK 7m
	PR-LLK 7m
10m	H-LLK 10m
	PR-LLK 10m
15m	PR-LLK 15m

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- ◎ If you need any other sensor except this list, please contact us.
- When waterproofing is necessary, please attach K sign behind a model designation. (for example: **I-220.95K**)
Kind of the waterproofing "K" : Rear half cover, "K2": In front and behind cover, "K3": Whole cover
- The length of the attached cable is 2m by default. The model of the HTF type is 5m by default.
In the case of the model except the standard, please fill in the number of meter into () at the rear of model designation. (for example: **I-220.95(5m)**)
Kind of length: i: 5m ii: 10m

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