

*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	4
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Elbow
Locking system	Push-pull
Size	1P
Series	REDEL P - Push-Pull

# Technical details

## Electrical Configuration

Contact Termination Low voltage	PCB - Straight
R (max)	4.5 mOhm
Insert configuration value	1P.M04 - 4 Low Voltage
Insulator	G: PSU gray
Rated current	8 A
Test voltage (kV rms) Contact-contact	1.2
Contact Type	Print (straight)
Air clearance	1.2 mm
Creepage distance	1.2 mm
Contact Dia.	0.9 mm (0.0354in)
Number of contacts Low Voltage	4
Gender	Standard

## Form & Material

Shell style / Model id	PX - Elbow receptacle key (G) or keys (A,B,C) with two nuts for printed circuit
Socket / Receptacle	Elbow
Housing material	PSU (Polysulfone), black
Locking system	Push-pull
Keying	2 keys (alpha=60, Plug: male contacts, Receptacle: female contacts)
Colour	Black - Blue
Variant	Blue front nut
Weight	8.09 g

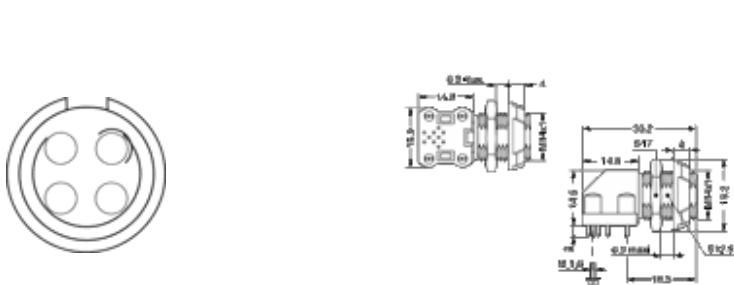
## Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	> 5000 mating cycles
Temperature range	-50°C / +150°C
F ret (max)	150 N
F ret (min)	50 N
Steam sterilization	Fully sterilizable (Steam, Gamma, ETO) following our protocols and tests in line with ISO 11134 and IEC 60601-1 standards. For more details on sterilization methods and cycles, please contact us.

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet

# Drawings



## Dimensions

<b>L</b>	<b>A</b>	<b>e</b>	<b>E</b>	<b>S1</b>	<b>S2</b>
mm.	30.2	19.2	M14x1	6.9 max	S12.5
in.	1.19	0.76			S17