Image for illustrative purpose only

Summary

Request a quote

Catalog

Number of contacts Low Voltage	6
Wire Size/AWG	32 - 24
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.00 - 5.20 mm
Size	1P
Series	REDEL P - Push-Pull

Technical details

Electrical Configuration

Number of contacts Low Voltage	6
Contact Termination Low voltage	Solder
R (max)	6.5 mOhm
Insert configuration value	1P.M06 - 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6 A
Test voltage contact-contact	1.48 (kV DC)
Max. Solid Conductor	0.25 mm^2 (AWG 24)
Max. Stranded Conductor	0.14 mm^2 (AWG 26)
Air clearance	0.85 mm
Creepage distance	0.85 mm
Bucket Dia.	0.6 mm (0.024in)
Contact Dia.	0.7 mm (0.0275in)
Wire Size/AWG	32 - 24
Gender	Standard

Form & Material

Shell style / Model id	PS - Free socket, conical outershell with cable collet and nut for fitting a bend relief
Socket / Receptacle	Free
Housing material	PSU (Polysulfone), black
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Variant	Black collet nut for bend relief
Weight	6.86 g

Environment

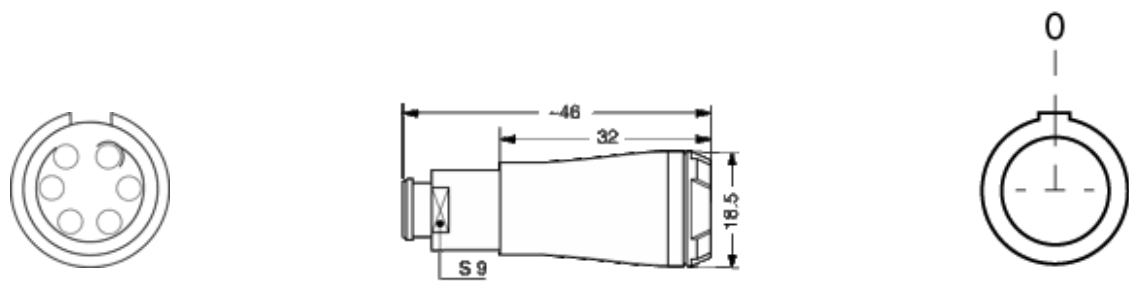|	
Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP64
Endurance	> 5000 mating cycles
F ret (max)	150 N
F ret (min)	50 N

Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.00 - 5.20 mm

Drawings

Dimensions

	L	A	S1
mm.	46	18.5	S9
in.	1.81	0.73	

Recommended By Lemo

Tools

Spanner	DCP.91.001.TN

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		grey	
CMN.06.T28.044PNZE			
106240	PTFE	White	
160140	PVC	Grey	
160260	PVC	Black	
60260	PTFE	White	
6280	PVC	Black	