# **FAG.2B.310.CYC**





Image for illustrative purpose only

# **Summary**

### Request a quote

Catalog		
Number of contacts Low Voltage	10	
Wire Size/AWG	24 - 20	
Gender	Standard	
Plug	Plug - Fixed	
Locking system	Snap-on	
Size	2B	
Suggested matching part	PHG.2B.310.CLLD52	
Series	B - Indoor keyed	

# **Technical details**

### **Electrical Configuration**

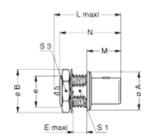
Number of contacts Low Voltage	10		
Contact Termination Low voltage	Crimp		
R (max)	4.8 mOhm		
Insert configuration value	2B.310 - 10 Low Voltage		
Insulator	Y: PEEK for crimp contacts		
Rated current	8 A		
Vtest (contact-contact)	2.6 kV (DC)		
Vtest (contact-shell)	3 kV (DC)		
Contact retention	30 N		
Max. Conductor	0.5 mm^2 (AWG 20)		
Min. Conductor	0.25 mm^2 (AWG 24)		
Bucket Dia.	1.1 mm (0.043in)		
Contact Dia.	0.9 mm (0.035in)		
Wire Size/AWG	24 - 20		
Gender	Standard		
Form & Material			
Shell style / Model id	FA - Fixed plug, non-latching, nut fixing		
Plug	Fixed		
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces		
Locking system	Snap-on		
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)		
Colour	Grey		
Weight	20.05 g		

#### **Environment**

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV		
Environmental sealing (IP rating)	IP50		
Endurance	5000 mating cycles		
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)		
Climatical Category	50/175/21		
Humidity (max)	<=95% [at 60 deg C /140 F]		
Shielding (min)	75 dB (10 MHz)		
Shielding (min)	40 dB (1 GHz)		
Shock Resistance	100 g [ 6 ms]		
Vibration	15 g [10 Hz - 2000 Hz]		
Salt Spray Corrosion	>1000 hr		

# **Drawings**







### **Dimensions**

	<b>S</b> 3	Α	В	е	E	L	M	N	S1	
mm.	17	18	19.5	M15x1.0	6.0	28.7	13.8	23.9	13.5	
in.	0.67	0.71	0.77		0.24	1.13	0.54	0.94	0.53	

# **Recommended By Lemo**

#### **Accessories**

Replacement contact	FGG.2B.560.ZZC	
Tools		
Spanner	DCA.91.231.7TN	
Extraction tool	DCC.09.05B.LAG	
Crimp tool	DPC.91.701.V	

### **Cables**

Cable PartNumber	Material	Colour	Cable image
CMN.10.T20.080PGZE		grey	
CMN.10.T20.080PNZE			
CMN.10.T20.080QGC	TPR	Grey	
CMN.10.T22.068QGZE	TPR (medical)	Grey	
CMN.10.T28.052PGZE		grey	
CMN.10.T28.052PNZE			
CMN.10.T28.053QGZE	TPR (medical)	Grey	
110220	PVC	Black	
110240	PTFE	White	
110260	PTFE	White	
110280	PVC	Black	
210140	PVC	Grey	
210240	PVC	Black	
210250	PVC	Grey	
210260	PVC	Black	- K