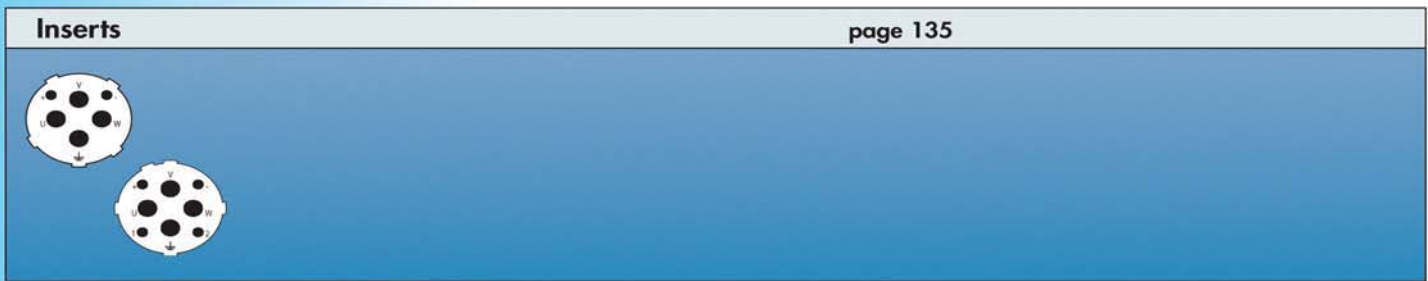


Push-Pull Technology Size M 40



Product Overview



Technical Data

Push-Pull Connectors

Mechanical Data	Materials and Technical Data
Housing	Copper-Zinc alloy Die Cast
Housing surface	Nickel plated, other surface upon request
Inserts (for contacts)	Thermoplastic Polyamid PA 6 (Nylon 6/6), PBT Fire protection class V-0
Contacts	Brass Alloy
Contact surface at point of contact	Nickel and gold plated (0,25 µm Au)
Minimum mating cycles	> 250
Seals / O-Rings	Buna-N standard optional Viton® (Viton is a registered trademark of DuPont)
Temperature range	-40°C – 125°C (-40°F – 257°F)
Type of contacts power M40	Crimp
Protection	IP 67 / IP 69K per EN 60 529 (connected), NEMA 4x

Additional Information

Electrical data see standard program
Power Connectors Size 1,5

page 131

Inserts and contacts see standard program
Power Connectors Size 1,5

page 135



We do not recommend disconnecting or connecting HUMMEL Connectors under load.

Characteristics


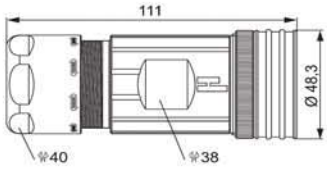
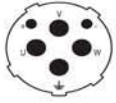

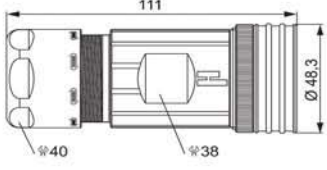
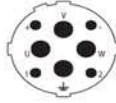
HUMMEL Push-Pull Connectors guarantee:

- Quick connecting cycle
- EMC compatible connection due to radially locked metal ring
- High protection rate
- Easy connection / disconnection even under tight space conditions
- Best reliability with optional safety ring

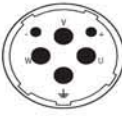
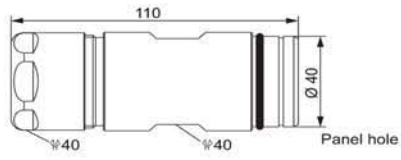



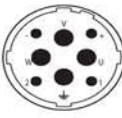
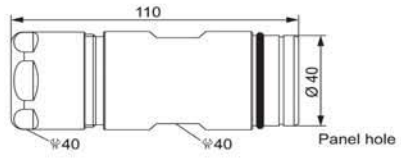

Standard delivery of M40 (size 1.5) Power Connector include Contact Insert

Power Connectors Size 1,5 / Push-Pull


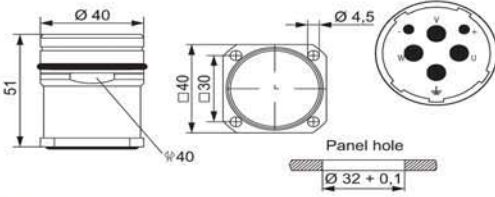
Straight Connector, Female Thread		Cable-Ø	Part Number
			2 + 3 + PE, insert for sockets 13 – 18 mm (.52 – .71").....7.715.623.000 17 – 24 mm (.67 – .95").....7.715.723.000 21 – 28 mm (.83 – 1.10")...7.715.823.000
			Optional: Safety ring Contacts page 136 • Assembly instructions page 145
			4 + 3 + PE, insert for sockets 13 – 18 mm (.52 – .71").....7.715.643.000 17 – 24 mm (.67 – .95").....7.715.743.000 21 – 28 mm (.83 – 1.10")...7.715.843.000
			Optional: Safety ring Contacts page 136 • Assembly instructions page 145


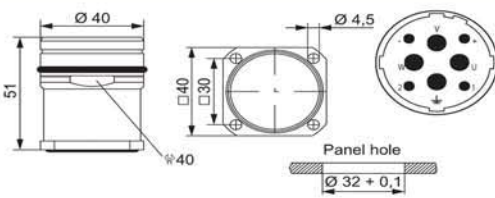
Power Connectors Size 1,5 / Push-Pull

Cable-Ø	Part Number	Straight Connector, Male Thread		
2+3+PE, insert for pins				
13 – 18 mm (.52 – .71").....	7.725.623.000			
17 – 24 mm (.67 – .95").....	7.725.723.000			
21 – 28 mm (.83 – 1.10")....	7.725.823.000			
Contacts page 136 • Assembly instructions page 145				

Cable-Ø	Part Number	Straight Connector, Male Thread		
4+3+PE, insert for pins				
13 – 18 mm (.52 – .71").....	7.725.643.000			
17 – 24 mm (.67 – .95").....	7.725.743.000			
21 – 28 mm (.83 – 1.10")....	7.725.843.000			
Contacts page 136 • Assembly instructions page 145				

Power Connectors Size 1,5 / Push-Pull

Panel Connector	Type	Part Number
	2 + 3 + PE, insert for pins 4 holes \varnothing 4,5 mm (.18")7.740.523.000	
		
Contacts page 136 • Assembly instructions page 146		

Panel Connector	Type	Part Number
	4 + 3 + PE, insert for pins 4 holes \varnothing 4,5 mm (.18")7.740.543.000	
		
Contacts page 136 • Assembly instructions page 146		