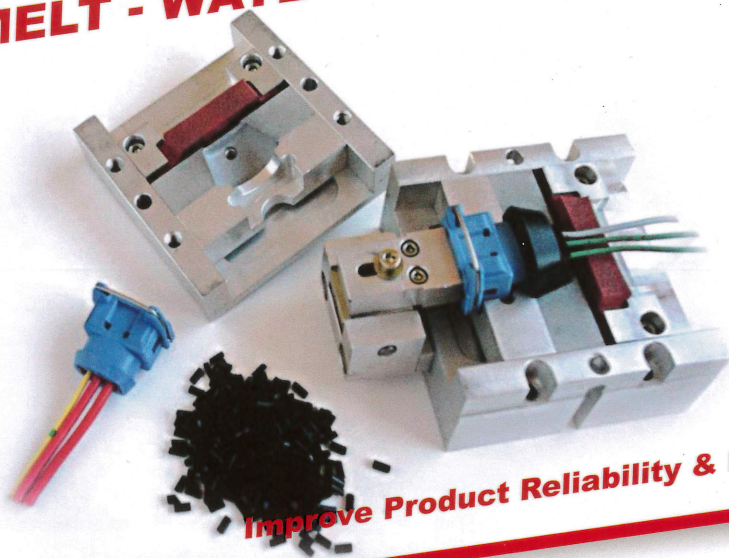


HOT MELT - WATERPROOF



Improve Product Reliability & Reduce Costs

Pro-Data applies a solvent free, environment-friendly hot-melt to protect it's electronic components against humidity, dust, vibration, temperature fluctuations and other extreme influences.

Applications

- Cable Connectors
- PCB
- Switch & Sensors
- LEDs for industrial control systems
- Instruments
- Automotive
- Communication components

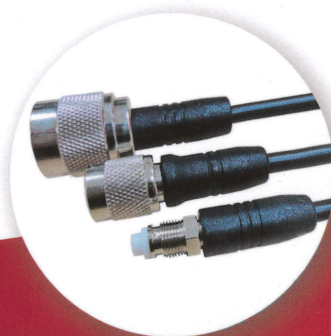
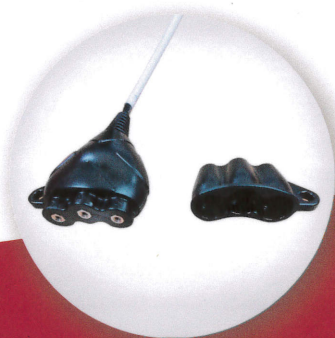
Low-Pressure Molding (Benefits of LPM):

- Improve product quality with low injection pressure, avoid component damage caused by conventional high-pressure processes.
- Water-proof
- Flexible operating temperature: -55~200°C
- Low flammability: UL94V-0, UL94V-2
- Electrical insulation
- Mechanical protection and vibration-proof
- Chemical neutrality & Environment friendly
- Available in various colors



LPM vs. Conventional Injection Molding

	Low-Pressure Molding	Conventional Injection
Material	Hotmelt	ABS, PBT, PP
Molding Pressure	1.5~40 bar	350~1,300 bar
Molding Temperature	160~230°C	160~300°C
Clamping Force	700~1200 kg	20,000~80,000 kg
Damage to the molded	none	possible



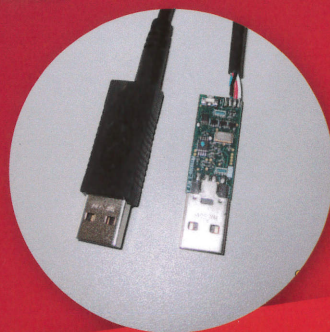
Additional Advantages of LPM Process

- Low tool cost
- Short cycle time
- Cost-effective for prototypes and small-batch production
- Bonding properties to parent material such as PVC, PA6.6, PC, ABS



What we do

- Tooling and Prototyping
- Modeling service
- Cable Connector Assembly



What we offer

- Custom Design, Prototyping and Manufacturing
- Rapid Tooling and Sampling
- Production in small batches and short lead-time

www.prodata.com.tw