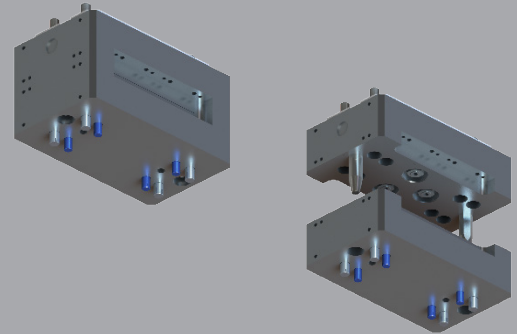


Docking System Non-Compliant and Compliant

Docking System is utilized in applications where utilities are needed to swiftly connect and disconnect.

Advantages:

- Flexible Utility Options
 - Compatible with XChange™ Utility Modules
- Compliant Versions Available
 - Angular
 - Planar
 - Angular and Planar



SPECIFICATIONS

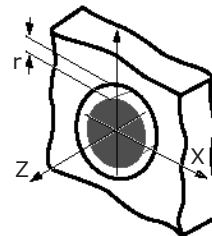
Model	Adaptor Side	Compliance Type	Angular Compliance	Planar, Diametric Compliance	Rotational Repeatability	Weight *
			deg	mm (in)	deg	kg (lb)
DM-M-SM-NC-A0000	Master	Non-Compliant	N/A	N/A	±0.01	6.37 (14.04)
DM-M-SM-A-A0000	Master	Angular	3	N/A	±0.01	7.17 (15.81)
DM-M-SM-XY-A0000	Master	Planar	N/A	4 (0.16)	±0.01	7.17 (15.81)
DM-M-SM-AXY-A0000	Master	Angular and Planar	3	4 (0.16)	±0.01	7.17 (15.81)
DM-T-SM-A0000**	Tool	Non-Compliant	N/A	N/A	±0.01	4.93 (10.89)

*Weight may vary depending on specific configuration.

**Tool Side Adaptor can be used with any Master Side Adaptor.

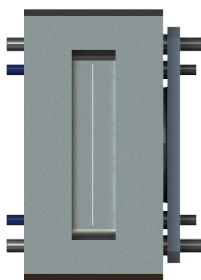
Operating Temperature: **5 - 60 °C (40 - 140 °F)**

Noise Emissions (Sound Pressure): **≤ 70 dB(A) in any direction**

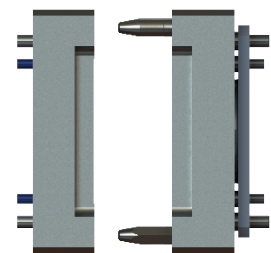


Radial Compliance = $r = 2\text{mm}$ (0.08in)
Diametric Compliance = $\varnothing = 2 * r = 4\text{mm}$ (0.16in)

CONTACT PROBE TECHNOLOGY

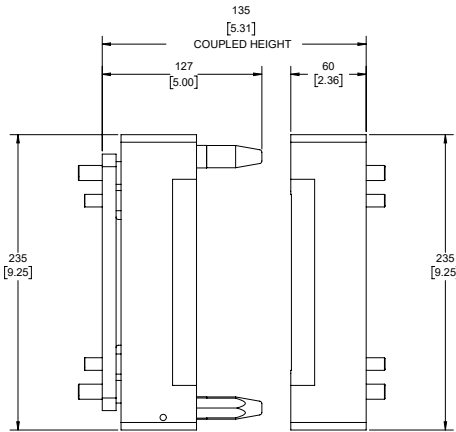
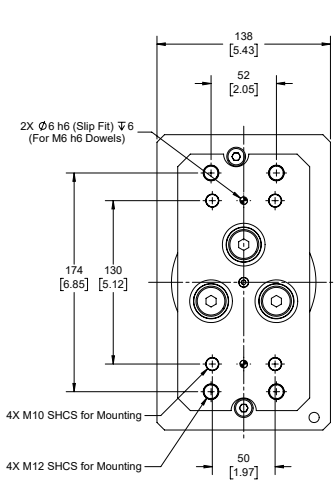
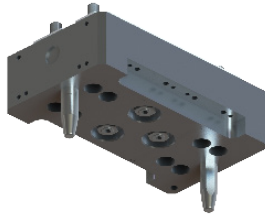


Applied Robotics™ Docking System allows for the exchanging of utilities on the fly without shutting down production lines. Not only does this add efficiency to processes requiring frequent connection/disconnection of support utilities, but also reduces the probability of human error introduced by manual connections.

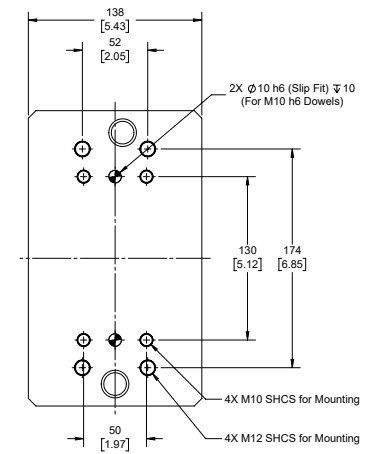
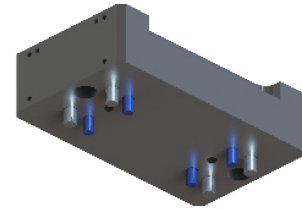


PRODUCT INFORMATION

MASTER SIDE ADAPTOR

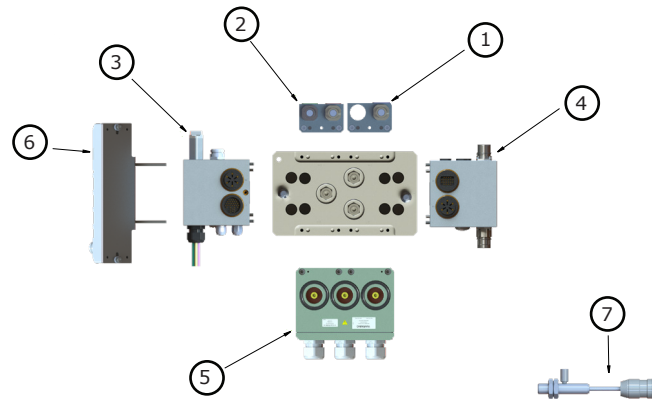


TOOL SIDE ADAPTOR



OPTIONAL UTILITIES

1. Pneumatic Passthru
2. Coolant Passthru
3. I/O Communication (Discrete, DeviceNet, Ethernet/IP, Profinet, etc.)
4. Servo (Power and Encoder/Resolver)
5. High Power (Weld Power)
6. I/O Block
7. Tool Present Kit



Applied Robotics
648 Saratoga Road
Glenville, NY 12302 USA
Tel. +1 518 384 1000 Fax +1.5183841200
info@appliedrobotics.com
www.appliedrobotics.com



EFFECTO GROUP S.p.A.
Via Roma, 141/143
28017 San Maurizio d'Opaglio (NO) - Italy
Tel. +39 0322 96142 Fax +39 0322 967453
info@effecto.com
www.effecto.com

