

SWITCH REFERENCE GUIDE



Switches - MX, RSA, GSA, RSX





















MX, RSA, GSA, and RSX products offer a large number of sensing choices. There are 12 switch choices: reed, solid state PNP (sourcing) or solid state NPN (sinking); in normally open or normally closed; with flying leads or quick-disconnects.


All switches are CE rated and are RoHS compliant. Switches feature bright red or yellow LED signal indicators; solid state switches also have green LED power indicators.



TO ORDER SERVICE PARTS SWITCHES:

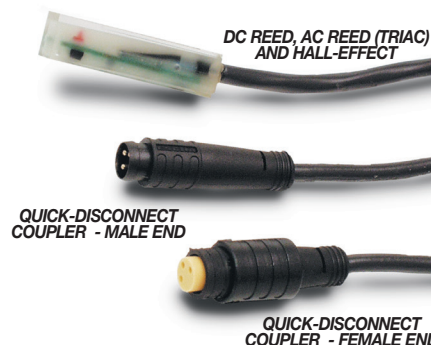
| Code | Part Number | Lead | Normally | Switching Logic | Power LED | Signal LED | Operating Voltage |
|---|-------------|------------------|----------|--------------------------------|--|------------|-------------------|
|  | 8100-9082 | 5m (197 in) | Open | SPST Normally Open | — | Red | 5 - 240 AC/DC |
|  | 8100-9083* | Quick-disconnect | | |  | | |
|  | 8100-9084 | 5m (197 in) | Closed | SPST Normally Closed | — | Yellow | 5 - 110 AC/DC |
|  | 8100-9085* | Quick-disconnect | | |  | | |
|  | 8100-9088 | 5m (197 in) | Open | PNP (Sourcing) Normally Open | Green | Yellow | 10 - 30 VDC |
|  | 8100-9089* | Quick-disconnect | | |  | | |
|  | 8100-9090 | 5m (197 in) | Open | NPN (Sinking) Normally Open | Green | Red | |
|  | 8100-9091* | Quick-disconnect | | |  | | |
|  | 8100-9092 | 5m (197 in) | Closed | PNP (Sourcing) Normally Closed | Green | Yellow | |
|  | 8100-9093* | Quick-disconnect | | |  | | |
|  | 8100-9094 | 5m (197 in) | Closed | NPN (Sinking) Normally Closed | Green | Red | |
|  | 8100-9095* | Quick-disconnect | | |  | | |

*Also order mating QD cable #8100-9080

| | | |
|--|-----------|---|
|  | 8100-9080 | Mating QD (Quick-disconnect) cable 197 in. (5m) |
|--|-----------|---|

Switches - Universal Series, ERD



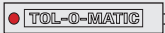






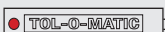


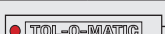
UNIVERSAL SERIES FOR: BC, B3, CC, MG, PB2, TK PRODUCTS



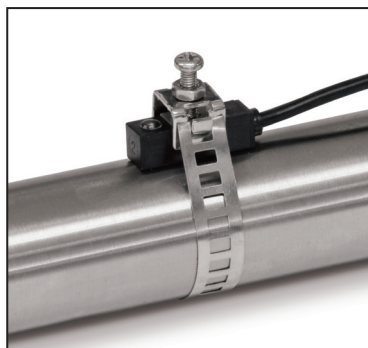
There are 10 sensing choices: DC reed, form A (open) or form C (open or closed); AC reed (Triac, open); Hall-effect, sourcing, PNP (open); Hall-effect, sinking, NPN (open); each with either flying leads or QD (quick disconnect).

If necessary to remove factory installed switches, be sure to reinstall on the same of side of actuator with scored face of switch toward internal magnet.

UNIVERSAL SERIES SPECIFICATIONS

| Code | Part Number | Lead | Normally | Switching Logic | Power LED | Signal LED | Operating Voltage |
|---|-------------|------------------|----------|------------------------------|---|------------|-------------------|
|  | 3600-9082 | 5m (197 in) | Open | "A" Normally Open | None | Red | 200 Vdc max. |
|  | 3600-9083 | Quick-disconnect | | |  | | |
|  | 3600-9084 | 5m (197 in) | Closed | "C" Normally Open or Closed | None | | 120 Vdc max. |
|  | 3600-9085 | Quick-disconnect | | | | | |
|  | 3600-9086 | 5m (197 in) | Open | Triac Normally Open | None | | 120 Vdc max. |
|  | 3600-9087 | Quick-disconnect | | | | | |
|  | 3600-9088 | 5m (197 in) | Open | PNP (Sourcing) Normally Open | None | Red | 5 - 25 VDC |
|  | 3600-9089 | Quick-disconnect | | |  | | |
|  | 3600-9090 | 5m (197 in) | Closed | NPN (Sinking) Normally Open | None | Red | |
|  | 3600-9091 | Quick-disconnect | | |  | | |

ALL ERD PRODUCT SIZES












ERD actuators have 6 switch options: reed, solid state PNP (sourcing) or solid state NPN (sinking); normally open; with flying leads or quick-disconnect.

All switches are CE rated, IP67 rated and are RoHS compliant. Switches feature bright red or green LED signal indicators.

ERD SPECIFICATIONS



| Code | Part Number | Lead | Normally | Switching Logic | Power LED | Signal LED | Operating Voltage |
|---|-------------|------------------|----------|------------------------------|---|------------|-------------------|
|  | 2190-9082 | 5m (197 in) | Open | SPST Normally Open | None | Red | 5 - 240 AC/DC |
|  | 2190-9083 | Quick-disconnect | | |  | | |
|  | 2190-9088 | 5m (197 in) | Open | PNP (Sourcing) Normally Open | None | Green | 5 - 30 VDC |
|  | 2190-9089 | Quick-disconnect | | |  | | |
|  | 2190-9090 | 5m (197 in) | Closed | NPN (Sinking) Normally Open | None | Red | |
|  | 2190-9091 | Quick-disconnect | | |  | | |

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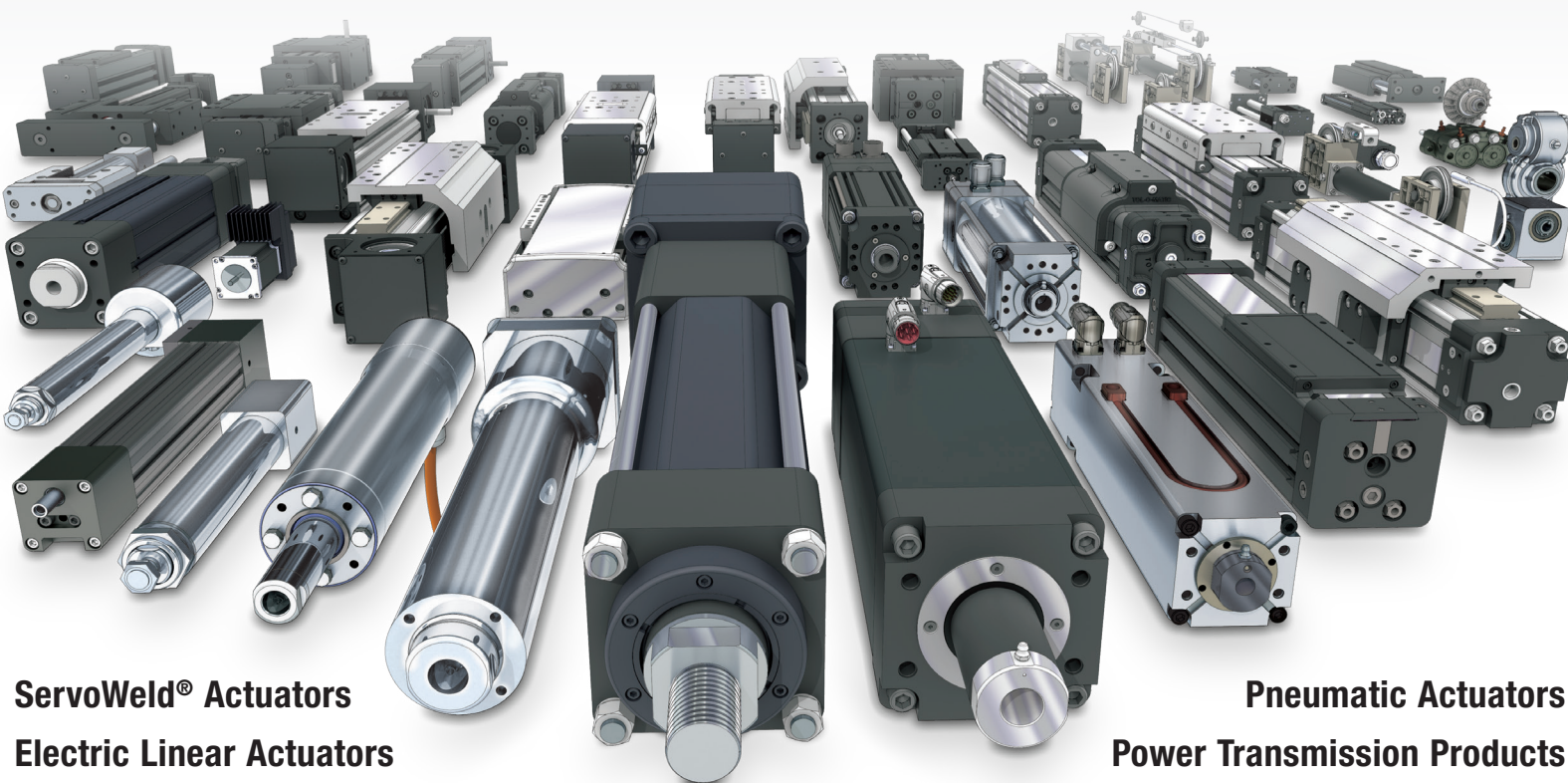
LIBRARY

Easy to access CAD files available in the most popular formats to place directly into your assembly.



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Extensive motion control knowledge: Expect prompt, courteous replies to any application and product questions from Tolomatic's industry experts.



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