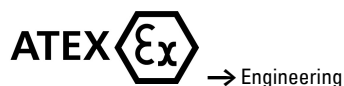




Joystick 2-pos.,horiz,spring-ret.,titan

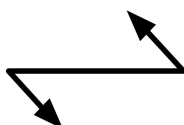
**Part no.** M22-WJ2H  
**Article no.** 289195



Front ring, gold-plated, →#274150

Use adapter M22-A4 →#279437

## Program

|                            |  |  |                                                                                    |
|----------------------------|--|--|------------------------------------------------------------------------------------|
| Range                      |  |  | RMQ-Titan (drilling dimensions 22.5 mm)                                            |
| Basic function             |  |  | Joystick                                                                           |
| Single unit/Complete unit  |  |  | Single unit                                                                        |
| Description                |  |  | Two positions<br>with one operating point per operating direction                  |
| Function                   |  |  | momentary                                                                          |
| Function                   |  |  |  |
| Front ring                 |  |  | Front ring: titanium                                                               |
| Connection to SmartWire-DT |  |  | yes                                                                                |
| <b>Notes</b>               |  |  |                                                                                    |
| Bezel gold-plated →#274150 |  |  |                                                                                    |
| Use adapter M22-A4→#216374 |  |  |                                                                                    |

## Approbationen

|                      |                                                                              |
|----------------------|------------------------------------------------------------------------------|
| UL approval          | Yes                                                                          |
| CSA approval         | Yes                                                                          |
| Product Standards    | IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking |
| UL File No.          | E29184                                                                       |
| UL CCN               | NKCR                                                                         |
| CSA File No.         | 012528                                                                       |
| CSA Class No.        | 3211-03                                                                      |
| NA Certification     | UL listed, CSA certified                                                     |
| Degree of Protection | UL/CSA Type 3R, 4X, 12, 13                                                   |

## General

|                             |                  |                      |                                                                              |
|-----------------------------|------------------|----------------------|------------------------------------------------------------------------------|
| Standards                   |                  |                      | IEC/EN 60947<br>VDE 0660                                                     |
| Lifespan, mechanical        | Operations       | x<br>10 <sup>6</sup> | > 0.1                                                                        |
| Operating frequency         | Operations/<br>h |                      | ≅<br>2000                                                                    |
| Actuating force             |                  | n                    | ≅<br>5                                                                       |
| Protection type             |                  |                      | IP66                                                                         |
| Climatic proofing           |                  |                      | Damp heat, constant to IEC 60068-2-78<br>Damp heat, cyclic to IEC 60068-2-30 |
| Ambient temperature         |                  | °C                   |                                                                              |
| Open                        |                  | °C                   | - 25 - + 70                                                                  |
| Mounting position           |                  |                      | As required                                                                  |
| Mechanical shock resistance |                  | g                    | 30<br>Shock duration 11 ms<br>Sinusoidal<br>according to IEC 60068-2-27      |

## Technical data according to ETIM 4.0

|                                   |  |  |        |
|-----------------------------------|--|--|--------|
| Coder                             |  |  | No     |
| Color bezel                       |  |  | Chrome |
| Analog output signal configurable |  |  | No     |

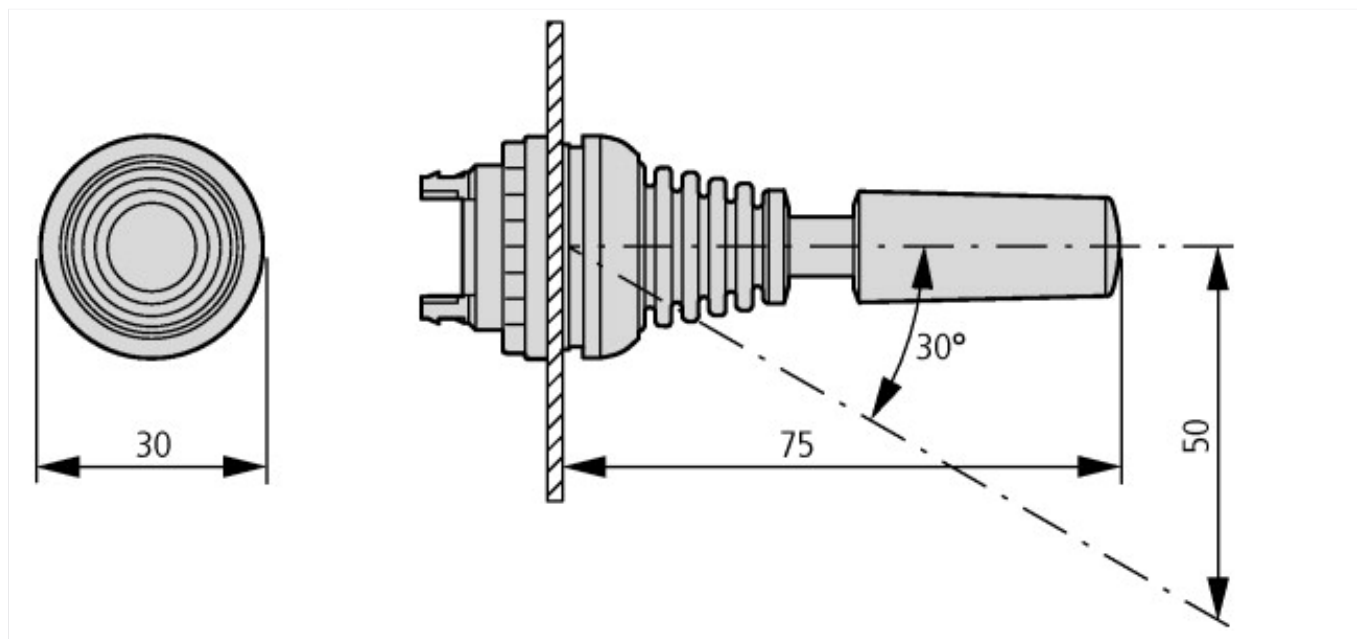
|                                                 |  |    |                    |
|-------------------------------------------------|--|----|--------------------|
| Number of actuation directions                  |  |    | 2                  |
| Number of N/Cs per actuation direction          |  |    | 0                  |
| Number of switch levels                         |  |    | 1                  |
| Joy stick length                                |  | mm | 75                 |
| Number of changeover contacts per direction     |  |    | 0                  |
| Rated operation current I <sub>e</sub> at AC-21 |  | A  | 0                  |
| Protection type (IP)                            |  |    | IP66               |
| With bezel                                      |  |    | YES                |
| Central mounting, hole diameter                 |  | mm | 22.5               |
| Material front ring                             |  |    | Insulated material |
| Number of N/Os per actuation direction          |  |    | 0                  |
| Interlock in 0-position                         |  |    | No                 |
| With retraction in 0-position                   |  |    | YES                |

## CAD-Data

Product standards CAD data:

<http://eaton-moeller.partcommunity.com>

## Dimensions



## Additional product information (links)

|                                             |                                                                                                                                                                                       |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IL04716002Z (AWA1160-1745) RMQ-Titan System | <a href="ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2011_03.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2011_03.pdf</a>                 |
| <b>Engineering</b>                          |                                                                                                                                                                                       |
| Key to part numbers                         | <a href="ftp://ftp.moeller.net/DOCUMENTATION/PDF/GB/TYPENSCHLUESSEL_RMQ-TITAN_de.pdf">ftp://ftp.moeller.net/DOCUMENTATION/PDF/GB/TYPENSCHLUESSEL_RMQ-TITAN_de.pdf</a>                 |
| Engineering                                 | <a href="ftp://ftp.moeller.net/DOCUMENTATION/PDF/GB/PRO_RMQTitan_D_de.pdf">ftp://ftp.moeller.net/DOCUMENTATION/PDF/GB/PRO_RMQTitan_D_de.pdf</a>                                       |
| Ordering example for custom complete units  | <a href="ftp://ftp.moeller.net/DOCUMENTATION/PDF/GB/Bestellbeispiel_F0315_COMBINATION_de.pdf">ftp://ftp.moeller.net/DOCUMENTATION/PDF/GB/Bestellbeispiel_F0315_COMBINATION_de.pdf</a> |
| Order form for custom complete units        | <a href="ftp://ftp.moeller.net/DOCUMENTATION/PDF/GB/FORM_F0315_Combination_de.pdf">ftp://ftp.moeller.net/DOCUMENTATION/PDF/GB/FORM_F0315_Combination_de.pdf</a>                       |