

SUBSEA PROXIMITY SWITCHES

BUILT TO PERFORM.

Proven configurations.
 Engineered for *extreme*
 underwater performance.



Subsea
 Reliable



High
 Accuracy



Corrosion
 Resistant



Proven
 Reliability

T1-M12 x 33 mm
 Nano Connector

1A



T2-M18 / 5/8" / 3/4"
 x 48 mm
 Nano Connector

1A



Nano Connector
 with right
 angled plug



T2-M18 / 5/8" / 3/4"
 x 48 mm
 Micro Connector

1A



T3-M18 / 5/8" / 3/4"
 x 70 mm
 Micro Connector

3A



T3-M18 / 5/8" / 3/4"
 x 70 mm
 Micro Connector
 Right Angle



PIN-OUT VIEWS (Male Face View)

MICRO (MICx) & STANDARD (STDx) CIRCULAR CONNECTORS

2 PIN (x2)



1: COMMON
 2: N/O

3 PIN (x3)



1: COMMON
 2: N/C
 3: N/O

4 PIN (x4)



1: COMMON
 2: N/C
 3: N/O
 4: CASE GROUND

NANO CONNECTOR (NAN6)

6 PIN (NAN6)



(SPDT)

1: COMMON
 2: N/C
 3: N/O
 4 / 5 / 6: NOT USED

PRODUCT CODING STRUCTURE

| | | | | | | | | | | |
|-----------|---|-----------------------------|---|------------------------------|---|--------------------------|---|--------------------------|---|---------------------|
| DL | - | PS | - | T2-M18 | - | 3A | - | MIC3 | - | SS |
| Brand | | Product Proximity Switch | | Body Thread Size & Length | | Rating Current Rating | | Connector Type & Pins | | Housing Material |

3 BODY (Thread Size & Length)

| Code | Thread Size (Order Example) | Length | Overall Length* |
|--------|-----------------------------|--------|-----------------|
| T1-M12 | M12 | 33 mm | ~ 55 mm |
| T2-M18 | M18 | 48 mm | ~ 70 mm |
| T2-58 | 5/8" UNF | 48 mm | ~ 70 mm |
| T2-34 | 3/4" UNF | 48 mm | ~ 70 mm |
| T3-M18 | M18 | 70 mm | ~ 92 mm |
| T3-58 | 5/8" UNF | 70 mm | ~ 92 mm |
| T3-34 | 3/4" UNF | 70 mm | ~ 92 mm |

* Overall length includes connector.
 Actual length may vary slightly by configuration.

4 RATING (Current Rating)

| Code | Rating | Use / Application |
|------|--------|--|
| 1A | 1 Amp | For low power signalling to PLC / DCS and control systems. (Short body types only: 33 mm & 48 mm) |
| 3A | 3 Amp | For higher power circuits up to 100W with high in-rush protection of 15A. (Long body type only: 70 mm) |

5 CONNECTOR TYPE & PINS

| Code | Type | Pins Available | Notes |
|--------|---------------------------------|----------------|-------------------------------------|
| NAN6 | Nano Connector | 6 | SPDT only (3 pins used, 3 not used) |
| MICx | Micro Circular | 2, 3, 4 | See pin-out views below |
| STDx | Standard Circular | 2, 3, 4 | See pin-out views below |
| MICRAx | Micro Circular Right Angle Plug | 2, 3, 4 | See pin-out views below |

6 HOUSING MATERIAL

| Code | Material |
|-------|---------------------------------|
| SS | 316L Stainless Steel (Standard) |
| MI625 | Inconel 625 |
| TI | Titanium Grade 5 |

EXAMPLE PART NUMBER DL-PS-T2-M18-3A-MIC3-SS

- 1 Body: T2-M18 (48 mm thread)
- 2 Rating: 3A
- 3 Connector: Micro Circular, 3-pin
- 4 Housing Material: 316L Stainless Steel

ENGINEERED FOR CRITICAL APPLICATIONS



ROV &
 Subsea
 Robotics



Marine &
 Defence



Offshore
 Energy



Subsea
 Infrastructure



Process
 Automation



Oceanographic
 Research



Corrosion Resistant



High Pressure Rated



Wide Temperature Range



High Shock & Vibration



Compact & Durable