

BOLT (PROXIMITY SWITCH)

The SOLDO BOLT Series Proximity Switch provides a compact design and the most economical solution for remote electrical indication of linear and rotary valve/actuator position. The rugged design provide maximum application versatility.

(EXPLOSION PROOF AND WHEATER PROOF)

BOLT proximity switch are ATEX explosion proof  II2 GD EEx d IIC T5/T6 and water proof IP68.

The SOLDO BOLT switch has tested at 6000 psi (413 bar) and the results allowed the BOLT switches suitable for use up to a depth of 4000 meter.

(STANDARD MOUNTING)

The BOLT switch utilizes industry standard 5/8-18 UNF or M16x1.5 threads and each switch is provided with two heavy-duty jam nuts. The BOLT Switch can be mounted with standard brackets or brackets can be customized to suit specific applications.

(CORROSION RESISTANT AND HEAVY DUTY HOUSING)

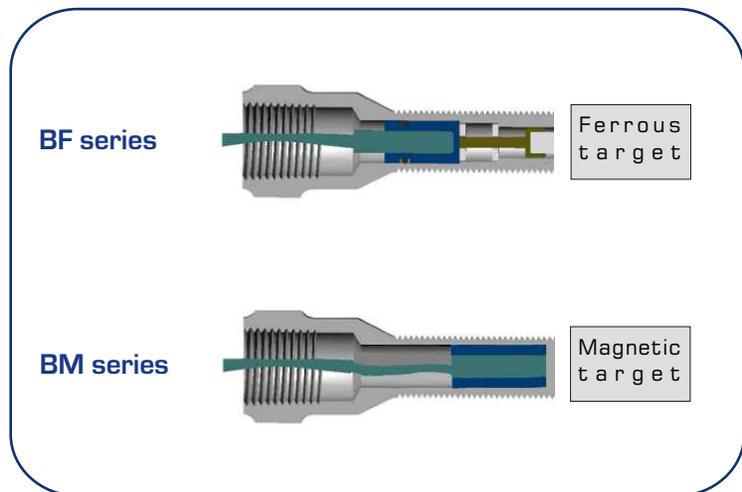
BOLT proximity switch are manufactured in a heavy duty housing made of 303 or 316 stainless steel. The rugged design make the BOLT series the ideal proximity switch for use in EEx d IIC applications.

(PRE-WIRED)

Each BOLT switch is provided with standard 450 mm flying leads. Longer lead lengths or junction box for electrical wiring are available upon request.

(TARGET REQUIRED)

BM series is provided with a magnetic target to ensure a positive trip. Only the magnetic target will trip the switch, potential false tripping from ferrous material is eliminated. BF series senses ferrous targets.



(SWITCH OPTIONS)

The BOLT proximity switch can be provided with SPST Bifurcated Reed Switches with contacts significantly enhance for performance on low current (<50mA) applications and SPDT and DPDT Reed Switches that offer the most economical choice for general-purpose applications. Reed switches are double potted for maximum environmental protection.



(RATINGS)

Temperature range:
Standard :-20°C +85°C
Optional :-40°C +100°C

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(SUB-SEA CONNECTOR)

The BOLT proximity switches can be provided with a "Wet Mateable" undersea connector that allows the BOLT switches suitable for use up to a depth of 4000 meter.
The female connector will be supply complete of sub-sea cable with different length according to customer requirements.



BOLT proximity switches complete of sub-sea connector

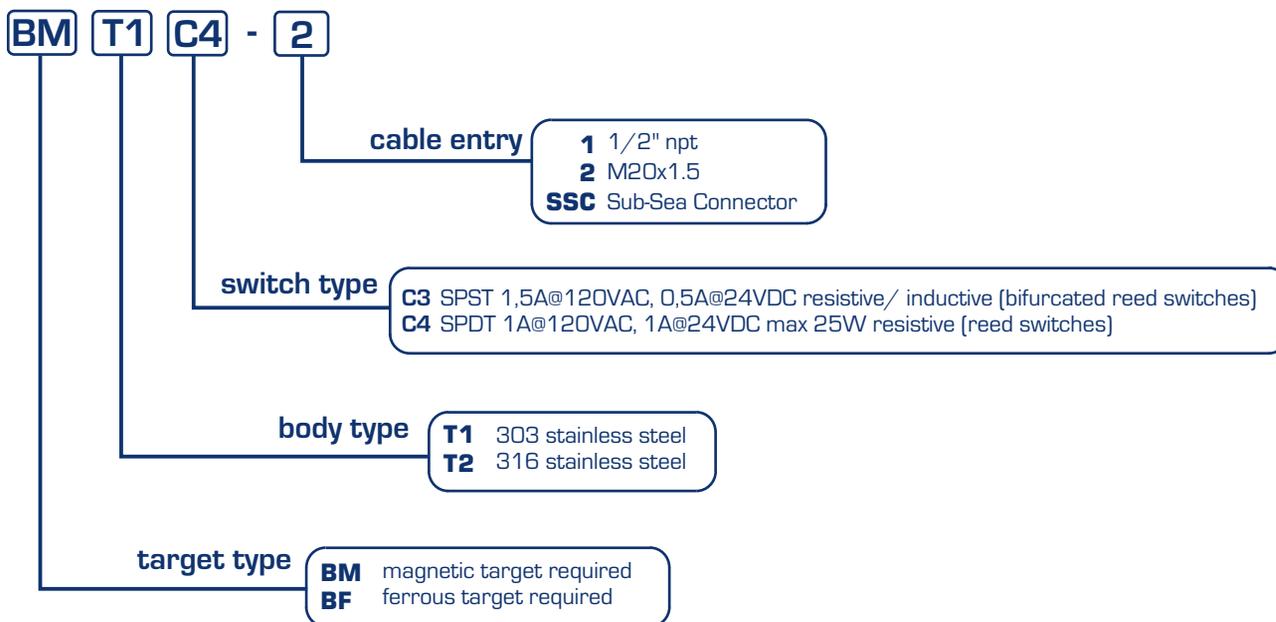


BOLT proximity switches complete of sub-sea connector

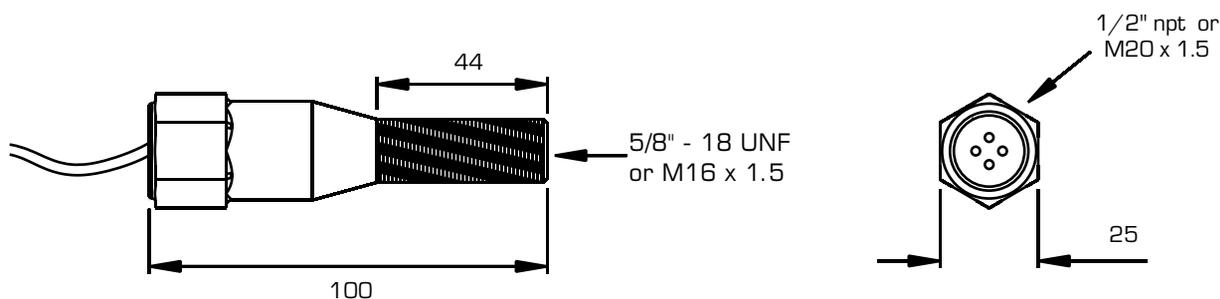


Sub-sea connector details

(STANDARD OPTIONS AVAILABLE - Nomenclature)



(DIMENSION mm)



SOLDO
CONTROLS