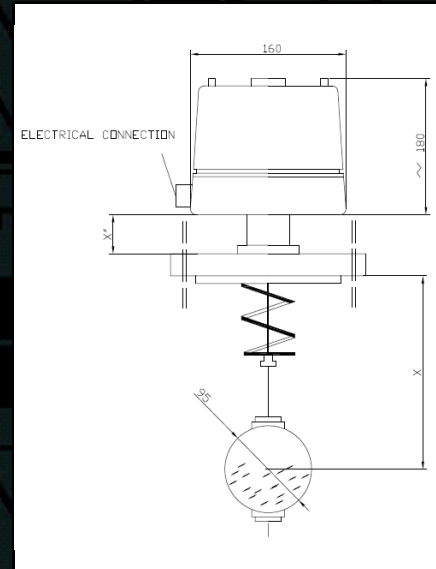


# Magnetic Level Switch

## Top Mounting Type

As rising liquid submerges the displacer, a buoyant force is created equal to the weight of the displaced liquid volume, this buoyancy force reduces the apparent displacer weight, contracting the spring, and actuating the ATC Control manufactured top level switch. TLS Suitable for wide range of versions to meet the needs of the clients.



Please fill in the required information:

Product:  Clasificated Area (Y/N)

Specific Weight:  s.w. Viscosity:  cp

Temperature: Min.  °C Work  °C Max  °C

Pressure: Min.  bar Work  bar Max  bar

Length from the instant flange to the highest level of product:

Length from the instant flange to the lowest level of product:

Alarm set distance from upper conn. centerline "A" minimum 70mm:

Centerline length "C":

Ref: TLS-  2  3  A  S  2  02  02  HT

### Housing Protection and Material

1	Ex II 1GD Alluminium
2	IP67 Alluminium
3	Ex II 2 GD Alluminium

### Electrical Connection

1	1/2" NPT F x 1
2	1/2" NPT F x 2
3	3/4" NPT F x 1
4	3/4" NPT F x 2
5	M20 x 1,5
6	Other, please specify

### Contacts QTY and type

A	1 x SPDT
B	2 x SPDT
C	1 x DPDT
D	2 x DPDT

### Microswitch type

S	Standard
H	Hermetically Sealed
T	High Temperature
G	Golden Contacts
E	Sealed
X	Other, please specify

### Connection Type:

1	Flanged 4" 150#
2	Flanged 4" 300#
3	Flanged 6" 150#
4	Flanged 6" 300#
5	Other, please specify

### Options

Please Specify 2 digits code as located in the table

HT	Hydrostatic test ASTM-E-1003-95 and certificate
XR	X-ray inspection test and certificate
PI	Positive material identification test (PMI) and certificate.
DY	Dye penetrans test ASTM-E-1220-05 and certificate.
NT	Hardness test and certificate
PC	PTFE coated
SP	Special protective painting.
AJ	Set point adjustment and certificate.
AL	Air cooler extension.
SD	Special project requirements.

### Documentation

Please Specify 2 digits code as located in the table

02	Material Certificate EN 10204 3.1
01	Welding Book (WPS, PQR)
03	Dimensional drawings and parts in project format
04	Installation Manual
05	ATEX 94/9/EC compliance certificate and EC Mark co
06	Certificate of compliance and dimensional control
07	PED 97/23/EC compliance certificate
08	Special project documentation requirements

### Wet Parts Material

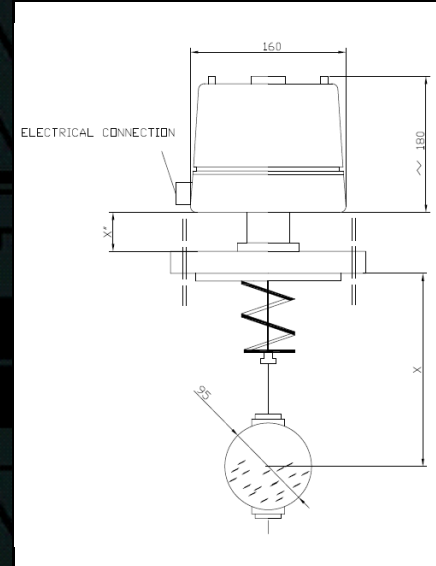
01	AISI 310
02	AISI 316L
03	AISI 321
04	Titanium
05	Enginered plastic
XX	Other, please specify

Please specify here your X or XX selected:

# Magnetic Level Switch

## Top Mounting Type

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Please fill in the required information:

Product:  Clasificated Area (Y/N)

Specific Weight:  s.w. Viscosity:  cp

Temperature: Min.  °C Work  °C Max  °C

Pressure: Min.  bar Work  bar Max  bar

Length from the instant flange to the highest level of product:

Length from the instant flange to the lowest level of product:

Alarm set distance from upper conn. centerline "A" minimum 70mm:

Centerline length "C":

Ref: TLS-

### Housing Protection and Material

- |   |                       |
|---|-----------------------|
| 1 | Ex II 1GD Alluminium  |
| 2 | IP67 Alluminium       |
| 3 | Ex II 2 GD Alluminium |

### Electrical Connection

- |   |                       |
|---|-----------------------|
| 1 | 1/2" NPT F x1         |
| 2 | 1/2" NPT F x 2        |
| 3 | 3/4" NPT F x 1        |
| 4 | 3/4" NPT F x 2        |
| 5 | M20 x 1,5             |
| 6 | Other, please specify |

### Contacts QTY and type

- |   |          |
|---|----------|
| A | 1 x SPDT |
| B | 2 x SPDT |
| C | 1 x DPDT |
| D | 2 x DPDT |

### Microswitch type

- |   |                       |
|---|-----------------------|
| S | Standard              |
| H | Hermetically Sealed   |
| T | High Temperature      |
| G | Golden Contacts       |
| E | Sealed                |
| X | Other, please specify |

### Connection Type:

- |   |                       |
|---|-----------------------|
| 1 | Flanged 4" 150#       |
| 2 | Flanged 4" 300#       |
| 3 | Flanged 6" 150#       |
| 4 | Flanged 6" 300#       |
| 5 | Other, please specify |

### Options

Please Specify 2 digits code as located in the table

- |    |  |
|----|--|
| HT | Hydrostatic test ASTM-E-1003-95 and certificate              |
| XR | X-ray inspection test and certificate                        |
| PI | Positive material identification test (PMI) and certificate. |
| DY | Dye penetrans test ASTM-E-1220-05 and certificate.           |
| NT | Hardness test and certificate                                |
| PC | PTFE coated  |
| SP | Special protective painting.                                 |
| AJ | Set point adjustment and certificate.                        |
| AL | Air cooler extension.  |
| SD | Special project requirements.                                |

### Documentation

Please Specify 2 digits code as located in the table

- |    |  |
|----|--|
| 01 | Welding Book (WPS, PQR)                            |
| 02 | Material Certificate EN 10204 3.1                  |
| 03 | Dimensional drawings and parts in project format   |
| 04 | Installation Manual                                |
| 05 | ATEX 94/9/EC compliance certificate and EC Mark co |
| 06 | Certificate of compliance and dimensional control  |
| 07 | PED 97/23/EC compliance certificate                |
| 08 | Special project documentation requirements         |

### Wet Parts Material

- |    |                       |
|----|-----------------------|
| 01 | AISI 310              |
| 02 | AISI 316L             |
| 03 | AISI 321              |
| 04 | Titanium              |
| 05 | Enginered plastic     |
| XX | Other, please specify |

Please specify here your X or XX selected: