

| Chd | | Dimensions in mm | | | | Do Not Scale | | Third Angle Projection | | |
|---|--|--|----------------|---|--------------------------------------|----------------------------------|---------------------|-------------------------------------|---------------------------------|-------------------------------------|
| Modification | | Module Number | Bussed Power ? | MTL7000 equivalent | MTL7000 Original Certificate Numbers | MTL7000 ATEX Certificate Numbers | MTL700 equivalent | MTL700 Original Certificate Numbers | MTL700 ATEX Certificate Numbers | Typical Application |
| MEASUREMENT TECHNOLOGY LTD Luton, England Copyright Reserved - Written Permission to Copy Should be Obtained | | MTL7706+ | Yes | MTL7106 MTL7206 | Ex95C2261 | BAS99ATEX7285 | MTL706 | Ex87B2428 | BAS01ATEX7202 | "Smart" 2-wire 4/20mA Tx |
| Date Dm | | MTL7707+ | Yes | MTL7207+ | Ex95C2261 | BAS99ATEX7285 | MTL707+ | Ex832469 | BAS01ATEX7202 | Switch I/P & D/P |
| Iss | | MTL7710+ MTL7710- | No | Half of MTL7162+, MTL7162- | Ex95C2261 | BAS99ATEX7285 | MTL710+, MTL710- | Ex832452 | BAS01ATEX7202 | 4, 6V Systems |
| Date Dm | | MTL7715+ MTL7715- | No | N/A | N/A | N/A | MTL715+, MTL715- | Ex832452 | BAS01ATEX7202 | 12V Systems |
| Iss | | MTL7715P+ MTL7715P- | No | N/A | N/A | N/A | MTL715P+ | Ex92C2373 | BAS01ATEX7202 | 12V dc Systems |
| Date Dm | | MTL7722+ MTL7722- | No | MTL7122+, MTL7122- | Ex95C2261 | BAS99ATEX7285 | MTL722+, MTL722- | Ex832452 | BAS01ATEX7202 | General Purpose |
| Iss | | MTL7728+ MTL7728- | No | MTL7028+, MTL7128+ MTL7028- MTL7128- | Ex95C2261 | BAS99ATEX7285 | MTL728+, MTL728- | Ex832452 | BAS01ATEX7202 | Analogue/ Digital |
| Date Dm | | MTL7728ac | No | N/A | N/A | N/A | MTL728ac | Ex832452 | BAS01ATEX7202 | General Purpose |
| Iss | | MTL7728P+ MTL7728P- | No | MTL7128P+, MTL7128P- | Ex95C2261 | BAS99ATEX7285 | MTL728P+ | Ex92C2373 | BAS01ATEX7202 | Analogue/ Digital |
| Date Dm | | MTL7741 | Yes | N/A | N/A | N/A | N/A | N/A | N/A | Namur |
| Iss | | MTL7742 | Yes | N/A | N/A | N/A | N/A | N/A | N/A | Namur |
| Date Dm | | MTL7743 | Yes | N/A | N/A | N/A | N/A | N/A | N/A | Namur |
| Iss | | MTL7744 | Yes | N/A | N/A | N/A | N/A | N/A | N/A | Namur |
| Date Dm | | MTL7745 | Yes | N/A | N/A | N/A | N/A | N/A | N/A | Namur |
| Iss | | MTL7755ac | No | MTL7055ac | Ex95C2261 | BAS99ATEX7285 | MTL755ac | Ex832452 | BAS01ATEX7202 | RTD, Grounded |
| Date Dm | | MTL7756ac | No | MTL7056ac | Ex95C2261 | BAS99ATEX7285 | N/A | N/A | N/A | RTD, Isolated |
| Iss | | MTL7758+ MTL7758- | No | N/A | N/A | N/A | MTL758+ MTL758- | Ex832452 | BAS01ATEX7202 | Strain Gauges |
| Date Dm | | MTL7760ac | No | N/A | N/A | N/A | MTL760ac | Ex832452 | BAS01ATEX7202 | Active Sensors, Thermocouples |
| Iss | | MTL7761ac | No | MTL7261ac | Ex95C2261 | BAS99ATEX7285 | MTL761ac | Ex832452 | BAS01ATEX7202 | Strain Gauges |
| Date Dm | | MTL7761Pac | No | MTL7061Pac, MTL7161Pac | Ex95C2261 | BAS99ATEX7285 | MTL761Pac | Ex92C2373 | BAS01ATEX7202 | Load Cell |
| Iss | | This document forms part of the BASEEFA Certification Information and must not be modified without reference to the certification authority. | | | | | | | Scale N/A | |
| Date Dm | | | | | | | | | Sheet 1 of 2 | |
| Title | | Correlation between MTL7700 Barriers and MTL7000 and MTL700 Barriers (IIC) | | | | | | | Drg. No. SCI-946 | |

| Chd | | Modification | | Dimensions in mm | | | | | Do Not Scale | | Third Angle Projection | | | | |
|---|-------|--------------|-----|------------------|-----|--|----------------|--|--------------------------------------|----------------------------------|------------------------|-------------------------------------|---------------------------------|---------------------|--|
| Iss | Date | Drn | Iss | Date | Drn | Module Number | Bussed Power ? | MTL7000 equivalent | MTL7000 Original Certificate Numbers | MTL7000 ATEX Certificate Numbers | MTL700 equivalent | MTL700 Original Certificate Numbers | MTL700 ATEX Certificate Numbers | Typical Application | |
| | | | | | | MTL7764+, MTL7764- | No | MTL7164+, MTL7164- | Ex95C2261 | BAS99ATEX7285 | MTL764+, MTL764- | Ex832452 | BAS01ATEX7202 | High Resistance | |
| | | | | | | MTL7764ac | No | MTL7264ac | Ex95C2261 | BAS99ATEX7285 | MTL764ac | Ex832452 | BAS01ATEX7202 | Strain/Level Gauges | |
| | | | | | | MTL7765ac | No | N/A | N/A | N/A | MTL765ac | Ex832452 | BAS01ATEX7202 | General Purpose | |
| | | | | | | MTL7766ac | No | N/A | N/A | N/A | MTL766ac | Ex832452 | BAS01ATEX7202 | Strain Gauges | |
| | | | | | | MTL7766Pac | No | MTL7066Pac, MTL7166Pac | Ex95C2261 | BAS99ATEX7285 | MTL766Pac | Ex92C2373 | BAS01ATEX7202 | Strain Gauges | |
| | | | | | | MTL7767+, MTL7767- | No | MTL7167+, MTL7167- | Ex95C2261 | BAS99ATEX7285 | MTL767+, MTL767- | Ex832452 | BAS01ATEX7202 | Dual 715 | |
| | | | | | | MTL7778ac | No | MTL7278ac | Ex95C2261 | BAS99ATEX7285 | MTL778ac | Ex832452 | BAS01ATEX7202 | Sensors | |
| | | | | | | MTL7779+, MTL7779- | No | N/A | N/A | N/A | MTL779+, MTL779- | Ex832452 | BAS01ATEX7202 | Dual 728 | |
| | | | | | | MTL7787+, MTL7787- | Yes | MTL7087+, MTL7187+, MTL7087-, MTL7187- | Ex95C2261 | BAS99ATEX7285 | MTL787S+ | Ex832452 | BAS01ATEX7202 | Analogue or Digital | |
| | | | | | | MTL7787P+, MTL7787P- | Yes | MTL7087P+, MTL7187P+ | Ex95C2261 | BAS99ATEX7285 | MTL787SP+ | Ex92C2373 | BAS01ATEX7202 | A or D | |
| | | | | | | MTL7788+, MTL7788- | Yes | N/A | N/A | N/A | MTL788+, MTL788- | Ex832452 | BAS01ATEX7202 | Transmitters | |
| | | | | | | MTL7788R+, MTL7788R- | Yes | N/A | N/A | N/A | MTL788R+, MTL788R- | Ex832452 | BAS01ATEX7202 | 1-5V systems | |
| | | | | | | MTL7789+, MTL7789- | Yes | 2 off MTL7087+, MTL7187+, MTL7087-, MTL7187- | Ex95C2261 | BAS99ATEX7285 | 2 off MTL787S+ | Ex832452 | BAS01ATEX7202 | Analogue or Digital | |
| | | | | | | MTL7796+, MTL7796- | No | MTL7096-, MTL7196- | Ex95C2261 | BAS99ATEX7285 | MTL796+, MTL796- | Ex832452 | BAS01ATEX7202 | Gas Metering | |
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| <p>Title Correlation between MTL7700 Barriers and MTL7000 and MTL700 Barriers (IIC)</p> | | | | | | | | | | | | Drg. No. SCI-946 | | | |
| Iss | Date | Drn | Iss | Date | Drn | | | | | | | | | | |
| 2 | 11.01 | | SB | | | Contents transferred from sheet 1. | | | | | | | | | |
| 3 | 2.02 | | SB | | | Added MTL7767+ & -, 7779+ & -, 7787+ & -, 7789+ & -, MTL7764+ to 68Pac moved from sheet 1. MTL778ac added. | | | | | | | | | |
| 4 | 5.02 | | SB | | | | | | | | | | | | |