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MLN 100/1

datasheet for MLN 100/1  
article number: 934062101



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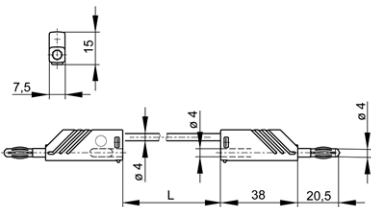
Messetermine

electronica  
08. 11. 2016 - 11. 11. 2016

SPS/IPC/DRIVES  
22. 11. 2016 - 24. 11. 2016

QR-Code



| product description:                                                                 |  | order number: 934 062-101                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| description:                                                                         |  | Measuring lead, at either end 4 mm diameter plug with caged spring and 4 mm diameter socket for tower construction. Nickel-plated copper beryllium contact spring. Highly flexible, double insulated stranded lead, grip and lead shatter-proof. Built in colour indicator for easy identification of insulation damages. |
| typ:                                                                                 |  | MLN 100/1 rot/red                                                                                                                                                                                                                                                                                                         |
| system:                                                                              |  | 4 mm system                                                                                                                                                                                                                                                                                                               |
| order number:                                                                        |  | 934 062-101                                                                                                                                                                                                                                                                                                               |
| color                                                                                |  |                                                                                                                                                                                                                                          |
| other color versions:                                                                |  |                                                                                                                                                                                                                                          |
| technical data                                                                       |  |                                                                                                                                                                                                                                                                                                                           |
| measurement category acc. to IEC 61010:                                              |  | CAT I                                                                                                                                                                                                                                                                                                                     |
| pin dimensions                                                                       |  | 4 mm                                                                                                                                                                                                                                                                                                                      |
| type of contact:                                                                     |  | pin (spring loaded)                                                                                                                                                                                                                                                                                                       |
| cable type:                                                                          |  | LEH-XY                                                                                                                                                                                                                                                                                                                    |
| cable specification:                                                                 |  | highly flexible lead                                                                                                                                                                                                                                                                                                      |
| wire stranding:                                                                      |  | 259 x 0.07 mm                                                                                                                                                                                                                                                                                                             |
| rated voltage:                                                                       |  | 30 VAC / 60 VDC                                                                                                                                                                                                                                                                                                           |
| rated current:                                                                       |  | 16 A                                                                                                                                                                                                                                                                                                                      |
| Please consider derating curve!                                                      |  |                                                                                                                                                                                                                                                                                                                           |
| contact resistance:                                                                  |  | 22 mOhm                                                                                                                                                                                                                                                                                                                   |
| cable length:                                                                        |  | 100 cm                                                                                                                                                                                                                                                                                                                    |
| conductor size:                                                                      |  | 1 mm²                                                                                                                                                                                                                                                                                                                     |
| cable material:                                                                      |  | PVC                                                                                                                                                                                                                                                                                                                       |
| cable color:                                                                         |  | red                                                                                                                                                                                                                                                                                                                       |
| material                                                                             |  |                                                                                                                                                                                                                                                                                                                           |
| contact material:                                                                    |  | contact pin: brass<br>contact spring: copper - beryllium                                                                                                                                                                                                                                                                  |
| contact surface material:                                                            |  | nickel                                                                                                                                                                                                                                                                                                                    |
| housing material:                                                                    |  | PA                                                                                                                                                                                                                                                                                                                        |
| environmental conditions:                                                            |  |                                                                                                                                                                                                                                                                                                                           |
| temperature range:                                                                   |  | -15 °C to +70 °C                                                                                                                                                                                                                                                                                                          |
| inflammable class:                                                                   |  |                                                                                                                                                                                                                                                                                                                           |
| housing (basic material):                                                            |  | UL 94 V - 2                                                                                                                                                                                                                                                                                                               |
| drawing                                                                              |  |                                                                                                                                                                                                                                                                                                                           |
|  |  |                                                                                                                                                                                                                                                                                                                           |