

# Product Technical Sheet

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## 805.RAD9090.SN CABLE GLAND

M90X2 IP66/IP68 II 2GD IM 2

Product Approvals

| TECHDATA                   |                    | STANDARDS AND LAWS        |   |
|----------------------------|--------------------|---------------------------|---|
| Commercial series          | UOEX               | IEC 60079-0 (2004-01)     | [International Standard] Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements.                       |
| Type of product            | CABLE GLAND        | IEC 60079-1 (2003-11)     | [International Standard] Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d".                       |
| Synthetical description    | CABLE GLAND        | IEC 60079-7 (2006-07)     | [International Standard] Explosive atmospheres - Part 7: Equipment protection by increased safety "e".                            |
| Protection degree IP       | IP66/IP68          | IEC 61241-0 (2004-07)     | [International Standard] Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements          |
| Material                   | NICKEL PLATED      | IEC 61241-1 (2004-05)     | [International Standard] Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures 'tD' |
| Thread (type)              | Metric             | DIRECTIVE ATEX 2014/34/UE | [European Directives] Atmosphere Explosive  |
| Thread                     | M90X2              |                           |   |
| Group and categories EX    | IM 2               |                           |   |
| Group and categories EX    | II 2GD             |                           |   |
| Modo protezione gas        | Ex d I Mb          |                           |   |
| Gas protection mode        | Ex d IIC Gb        |                           |   |
| Gas protection mode        | Ex e I Mb          |                           |   |
| Gas protection mode        | Ex e IIC Gb        |                           |   |
| Dust protection            | Ex tc IIIC Db IP66 |                           |   |
| Ambient temperature Ta min | -70 °C             |                           |   |
| Ambient temperature Ta max | 220 °C             |                           |   |