

## M12 MALE 0° / M12 FEMALE 90° LED

PUR 4X0.34 black ROBOT, drag ch 20m

Male straight – female 90° M12 – M12, 4-pole 3× LED (PNP), (NPN) on request Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.



The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 10/20

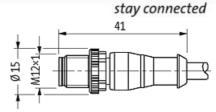


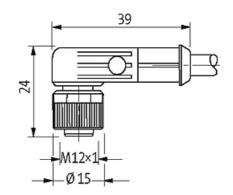
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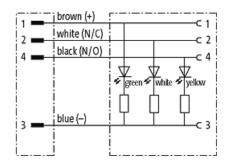
Standing combination      4 wires buisted        Shield      nd        Muleid lickleft      PUR        Shied Additions (lickleft)      58 a D        Outer Gliadelt      4 7 mm t5%        Color (lickleft)      Make        Additions (lickleft)      58 a D        Color (lickleft)      Make        Additions (lickleft)      58 a D        Color (lickleft)      Make        Additions (lickleft)      58 a D        Color (lickleft)      Make        Additions (lickleft)      500 V AC        Test worklage      2500 V AC        Test worklage      500 V AC        Test worklage (licklok)	Color/numbering of wires	br, bk, bl, wh
Material (jacket)      PUR        Material property (jacket)      CPC-, halogoer, cadmium, silicone- and lead-free, mat, iow-adhesion, machine easy to process, abtrasion- resistant, hydrolysis - microbial- and welding spark resistant        Store hardness (jacket)      58 13 D        Ouder-O (jacket)      64 - 7        Ouder-O (jacket)      black        Color (jacket)      black        Admical property (jacket)      black        Color (jacket)      tool (jacket)        Material property (jacket)      dlack        Color (jacket)      tool ND Color        Train color (jacket)      dlack        Bend radiu (jackot)      5- color (jacket)        Bend radiu (jackot)      10- color (jacket)        Traversing distance (C-frack)      max. 3 m/s        Acceleration (C-track)      max. 3 m/s        Acceleration (C-track)      max. 3 m/s        Acceleration (C-track)      max. 3 m/s	Stranding combination	4 wires twisted
Autorial property (jacket)      CFC - hologen - cadmium - pilcone - and isad-free, matt, low-adhesion, machine easy to process, abrasion- resistant hydrolysemicrobial - and welling spark resistant        Shore hardness (jacket)      69 43 D        Outer 40 (jacket)      47 nm - 5%        Color (jacket)      black        Admical resistance      time retardant UL, FT2, IEC 60332-2, welding spark resistant        Nominal voltage      300 V AC        Test voltage      2500 V AC        Current toad capacity      to DN VD C 298 4        Temperature range (fixed)      - 40e80 ° C, (40 ° C atmax. 10 000 operating hours)        Temperature range (fixed)      - 40e80 ° C, (40 ° C atmax. 10 000 operating hours)        Temperature range (fixed)      - 40e80 ° C, (40 ° C atmax. 10 000 operating hours)        Temperature range (fixed)      - 40e80 ° C, (40 ° C atmax. 10 000 operating hours)        Temperature range (fixed)      max. 10 Mb, (25 ° C)        Trave speed() Crackol      max. 5 m (horizonta)        Trave speed() Crackol      max. 5 m (horizonta)        Trave speed() Crackol      max. 3 m (back        Color bio horizon opted      35 cycles/min        Jacket Color      black        Colorating voltage (ontry UL listed)      max. 30 V DC </td <td>Shield</td> <td>no</td>	Shield	no
National probativi (useek)      resistant, hydrolysis, microbial- and welding spark resistant        Shore hardness (iscker)      58 ± 3 D        Odare G (jacker)      14 7 mm = 5%.        Odare G (jacker)      black        Harmmal resistance      Bame relatrofant UL, FT2, IEC 60332 ± 2, welding spark resistant        Normial voltage      300 V AC        Test voltage      2500 V AC        Curron fload capacity      to DN VDE 0284 4        Temperature range (fibed)      4080 °C, (148 °C at max. 10 000 operating hours)        Temperature range (fibed)      4080 °C, (148 °C at max. 10 000 operating hours)        Bend radius (fibed)      5080 °C, (148 °C at max. 10 000 operating hours)        Bend radius (fibed)      5080 °C, (148 °C at max. 10 000 operating hours)        Temperature range (fibed)      4080 °C, (148 °C at max. 10 000 operating hours)        Bend radius (moving)      1080 °C        No. ob Ibending optic (C * track)      max. 5 m (horizontal)        Traversing (distance (C * track)      max. 5 m (horizontal)        Tarversing (distance (C * track)      max. 5 m (horizontal)        Tarversing (distance (C * track)      max. 5 m (horizontal)        Tarversing (distance (C * track)      max. 5 m (horizontal) </td <td>Material (jacket)</td> <td>PUR</td>	Material (jacket)	PUR
Outer-O (jucked)      4.7 mm ±5%        Calor (jucked)      black        Calor (jucked)      black        Calor (jucked)      black        Ammal resistance      good resistance to al, gasoline and chemicals (EM 80811-404)        Hermal resistance      fame retardant UL, FT2, IEC 60332-2.2, weiding spark resistant        Naminal voltage      300 V AC        Current load capacity      to DN VDE 0298-4        Temperature range (tool)      4080 °C, 490 °C at max. 10 000 operating hours)        Temperature range (tool)      4080 °C, 490 °C at max. 10 000 operating hours)        Bend radius (moving)      10 - outer Ø        No. of banding syceles (C-track)      max. 5 m (horizontal)        Taversing distance (C-track)      max. 5 m S <sup>A</sup> Corision cycles      max. 1 Mo. (25 °C)        Traversing distance (C-track)      max. 3 m S        Acceleration (C-track)	Material property (jacket)	-
Color (jacket)      black        Color (jacket)      black        chemical resistance      good resistance to oll, gasoline and chemicals (EN 60811-404)        hermal resistance      lame relaration UL, FT2, IEC 60332 2.1, IEC 60332 2.2, welding spark resistant        Nominal voltage      300 V AC        Test voltage      2500 V AC        Current load capacity      to DN VEC 2084-4        Temperature range (robolie)      -25, -480 °C, (+90 °C at max, 10 000 operating hours)        Temperature range (robolie)      -25, -480 °C, (+90 °C at max, 10 000 operating hours)        Bend radius (rowing)      10s, outer Ø        No. of bending cycles (C-track)      max, 50 Mio. (25 °C)        Traversing (robolie)      max, 50 m/9'        Torsion spade      3500 °m        Acceleration (C-track)      max, 50 m/9'        Torsion spade      3500 °m        Acceleration (C-track)      max, 50 m/9'        Torsion spade      3500 °m        No. of torsion cycles      max, 1 Mio. (25 °C)        Traversing (orge (C-track)      max, 50 °DC        Torsion spade      35 cycles/min        Jacket Color      black        Teorison spade      35 cycles/min	Shore hardness (jacket)	58 ±3 D
chemical resistance      good resistance to oil, gasoline and chemicals (EN 60811-404)        thermal resistance      farme retardart ILL, F2, IEC 60332-2-2, welding spark resistant        Nominal voltage      2500 V AC        Carrent Ibad capacity      to DIN VDE 0298-4.        Temperature range (Iksed)      -40480 °C, (490 °C at max. 10 000 operating hours)        Temperature range (Iksed)      -5. volter Ø        Bend radius (Iksed)      5. volter Ø        Bend radius (Iksed)      5. volter Ø        Bend radius (Iksed)      5. volter Ø        No. orbending cycles (C-track)      max. 10 Mo. (25 °C)        Traversing distance (C-track)      max. 5. fir/9        Torsion sites      4360 °m        No. of lorsion cycles      max. 10 Mo. (25 °C)        Traversing distance (C-track)      max. 5. fir/9        Torsion sites      4360 °m        No. of lorsion cycles      max. 10 Mo. (25 °C)        Traversing distance (C-track)      max. 5. fir/9        Torsion sites      4360 °m        No. of lorsion cycles      max. 10 Mo. (25 °C)        Traversing distance (C-track)      max. 1 Mo. (25 °C)        Torsion sites      4360 °m        No. of lorsion cyc	Outer-Ø (jacket)	4.7 mm ±5%
Itermal resistance      Itame relardant UL, FT2, IEC 60332-2-, welding spark resistant        Nominal voltage      300 V AC        Test voltage      2500 V AC        Current load capacity      to DIN VDE 0298-4        Temporature range (mobile)      -25480 °C, (+90 °C at max. 10 000 operating hours)        Bend radius (ifked)      5.c. volter Ø        Bend radius (ifked)      5.c. volter Ø        Bend radius (ifked)      max. 10 Min. (25 °C)        Tarvering diffaster (C-track)      max. 3.0 m/s        Accoleration (C-track)      max. 3.3 m/s        Accoleration (C-track)      max. 3.3 m/s        Accoleration (C-track)      max. 1 Min. (25 °C)        Tarveing diffaster (C-track)      max. 3.3 m/s        Accoleration (C-track)      max. 3.3 m/s        Accoleration (C-track)      max. 1 Min. (25 °C)        Torsion speed      35 crydes/min        Jacket Color      black        Technical Data      Certainy voltage        Coperating voltage (only UL listed)      max. 30 V DC        Operating voltage (only UL listed)      max. 30 V DC        Operating voltage (only UL listed)      max. 4        Material 30 Cup      EC 606664-1.category	Color (jacket)	black
Nominal voltage      300 V AC        Test voltage      2500 V AC        Current load capacity      to DIN VDE 0298-4        Temperature range (fixed)      -40e80 °C, (+80 °C at max. 10 000 operating hours)        Bend radius (involp)      -25e80 °C, (+80 °C at max. 10 000 operating hours)        Bend radius (involp)      -25e80 °C, (+80 °C at max. 10 000 operating hours)        Bend radius (involp)      -25e80 °C, (+80 °C at max. 10 000 operating hours)        Bend radius (involp)      10 souter Ø        No. of bending cycles (C-track)      max. 10 Mio. (25 °C)        Traversing distance (C-track)      max. 5 m/s <sup>2</sup> Torsion stress      s360 °m        No. of bending cycles (C-track)      max. 5 m/s <sup>2</sup> Torsion stress      s360 °m        No. of torsion cycles      max. 1 Mio. (25 °C)        Torsion stress      s360 °m        No. of torsion cycles      max. 1 Mio. (25 °C)        Torsion stress      s360 °m        No. of torsion cycles      max. 1 Mio. (25 °C)        Torsion stress      s360 °m        No. of torsion cycles      max. 1 Mio. (25 °C)        Depresing voltage      24 V DC +25%        Operating vorotage	chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
Test voltage  2500 V AC    Current Load capacity  to DIN VDE 0289-4    Temperature range (fixed)  -40490 °C, (+90 °C at max. 10 000 operating hours)    Bend radius (fixed)  5× outer Ø    Bend radius (fixed)  5× outer Ø    Bend radius (fixed)  5× outer Ø    Bend radius (fixed)  10× outer Ø    No. ol bending cycles (C-track)  max. 10 Mol. (25 °C)    Traversing distance (C-track)  max. 3 m/s    Acceleration (C-frack)  max. 3 m/s    Acceleration (C-frack)  max. 5 m/s <sup>0</sup> Torsion stress  1360 °/m    No. of borsion cycles  max. 11 Mo. (25 °C)    Torsion stress  1360 °/m    No. of braion cycles  max. 11 Mo. (25 °C)    Torsion stress  1360 °/m    No. of braion cycles  max. 11 Mo. (25 °C)    Torsion stress  1360 °/m    No. of braion cycles  max. 11 Mo. (25 °C)    Torsion stress  1360 °/m    No. of braion cycles  max. 10 000 cycles/min    Jacket Color  black    Departing voltage  24 V DC ±25%.    Operating current per contact  max. 4 A    Material group  EC 60664-1. category 1    Locking of ports  Screw throad (M12-1 mm) recommended torque 0.6 Nm, self-securing	thermal resistance	flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant
Current load capacity      to DN VDE 0298-4        Temperature range (fixed)      -40400 °C, (+40 °C at max. 10 000 operating hours)        Temperature range (mobile)      -52480 °C, (+40 °C at max. 10 000 operating hours)        Bend radius (fixes)      55.outer Ø        Bend radius (fixes)      10°. outer Ø        No. di bending cycles (C-track)      max. 5m (horizontal)        Traversing distance (C-track)      max. 5m (horizontal)        Travel speed (C-track)      max. 5m s <sup>12</sup> Torsion speed      3560 °/m        No. di torsion cycles      max. 10 Mio. (25 °C)        Torsion speed      3560 v/m        No. di torsion cycles      max. 5 m s <sup>12</sup> Torsion speed      3560 v/m        Jacket Cotor      black        Technical Data	Nominal voltage	300 V AC
Temperature range (fixed)  40+80 °C, (+90 °C at max. 10 000 operating hours)    Temperature range (molie)  -25+80 °C, (+90 °C at max. 10 000 operating hours)    Bend radius (inced)  5 × outer Ø    Bend radius (inced)  5 × outer Ø    Bend radius (inced)  max. 10 Mio. (25 °C)    Traversing distance (C+rack)  max. 5 m (horizontal)    Travel speed (C-track)  max. 3 m/s    Acceleration (C-track)  max. 3 m/s    Acceleration (C-track)  max. 3 m/s    No. of torsion cycles  max. 1 Mio. (25 °C)    Torsion stress  2800 °/m    No. of torsion cycles  max. 1 Mio. (25 °C)    Torsion speed  36 cyclesmini    Jacket Color  black    Technical Data  24 V DC ±25%    Operating voltage  24 V DC ±25%    Operating outige  10 × 0 × 0 × 0    Operating outige  10 × 0 × 0 × 0    Compression gland  M12 (SW13)    Protection  IP65, IP66K, IP67 inserted and lightened (EN 60529)    Locking material  Zinc die casting, matte nickel plated    Material  DIN EN 61076-2-101 (	Test voltage	2500 V AC
Temperature range (mobile)    -25+80 °C. (+90 °C at max. 10 000 operating hours)      Bend radius (fixed)    5x outer Ø      Bend radius (fixed)    10× outer Ø      Bend radius (fixed)    max. 10 Mio. (25 °C)      Traversing distance (C-track)    max. 10 Mio. (25 °C)      Traversing distance (C-track)    max. 3 m/s      Acceleration (C-track)    max. 10 Mio. (25 °C)      Traversing distance (C-track)    max. 5 m/s <sup>3</sup> Acceleration (C-track)    max. 5 m/s <sup>3</sup> Torsion stress    ±390 °/n      No. of torsion cycles    max. 1 Mio. (25 °C)      Torsion speed    35 cycles/min      Jacket Color    black <b>Technical Dat</b> Coperating voltage      Operating voltage (only UL listed)    max. 30 V DC      Operating voltage (only UL listed)    max. 4 A      Material group    EC 60664-1, category I      Locking optorts    Screw thread (M12-1 mm) recommended torque 0.6 Nm, self-securing      Compression gland    M12 (SW13)      Protection    PES, IPE&K, IPE&F, IPE&K, IPE      Material    PUR      suitable for corrugated tube (internal Ø)    10 mm      Cemercid dat    DIN EN 61076-2-10	Current load capacity	to DIN VDE 0298-4
Bend radius (fixed)  5× outer Ø    Bend radius (moving)  10- outer Ø    No. of bending cycles (C-track)  max. 10 Mio. (25 °C)    Traveris og distance (C-track)  max. 5 m (horizontal)    Travel speed (C-track)  max. 5 m (xi    Tavel speed (C-track)  max. 5 m (xi    Tavel speed (C-track)  max. 5 m (xi    Coleration (C-track)  max. 5 m (xi    Torsion speed  35 cycles/min    Jacket Color  black    Technical Data	Temperature range (fixed)	-40+80 °C, (+90 °C at max. 10 000 operating hours)
Bend radius (moving)  10 × outer Ø    No. ot bending cycles (C-track)  max. 10 Mic. (25 °C)    Traversing distance (C-track)  max. 5 m (horizontal)    Travel speed (C-track)  max. 3 a m/s    Acceleration (C-track)  max. 5 m/s <sup>2</sup> Torsion stress  ±360 °/m    No. ot torsion cycles  max. 1 Mic. (25 °C)    Torsion stress  ±360 °/m    No. ot torsion cycles  max. 1 Mic. (25 °C)    Torsion speed  35 cycles/min    Jacket Color  black    Technical Data  Technical Data    Operating voltage  24 V DC ±25%    Operating voltage (ont) UL listed)  max. 30 v DC    Operating voltage (ont) UL listed)  max. 4 A    Material group  EC 60664-1, category 1    Locking of ports  Screw thread (M12-1 mm) recommended lorque 0.6 Nm, self-securing    Compression gland  M12 (SW13)    Protection  IP65, IP66K, IP67 inserted and tightened (EN 60529)    Locking material  Zinc die casting, matte nickel plated    Material  PUR    suitable for corrugated tube (internal Ø)  10 mm    Cemercial data  DIN EN 61076-2-101 (M12)    Pollution Degree  3    Temperature range  -25485 °C, depending on cable quality    Commercial dat	Temperature range (mobile)	-25+80 °C, (+90 °C at max. 10 000 operating hours)
No. of bending cycles (C-track)      max. 10 Mio. (25 °C)        Traversing distance (C-track)      max. 5 m (horizontal)        Travel speed (C-track)      max. 3 m/s        Acceleration (C-track)      max. 3 m/s        Acceleration (C-track)      max. 5 m/s <sup>o</sup> Torsion stress      ±380°/m        No. of torsion cycles      max. 1 Mio. (25 °C)        Torsion speed      35 cycles/min        Jacket Color      black        Technical Data	Bend radius (fixed)	5× outer Ø
Traversing distance (C-track)  max. 5 m (horizontal)    Travel speed (C-track)  max. 3 m/s    Acceleration (C-track)  max. 5 m/s <sup>4</sup> Torsion stress  ±360°/m    No. ot torsion cycles  max. 1 Mio. (25 °C)    Torsion stress  ±360°/m    Jacket Color  black    Technical Data  Derating voltage    Operating voltage (only UL listed)  max. 3 M/s    Operating outrage (only UL listed)  max. 4 A    Material group  IEC 60664-1, category I    Locking of ports  Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing    Compression gland  M12 (SW13)    Probaction  IP65, IP65/, IP67 inserted and tightened (EN 60529)    Locking of corrugated tube (internal Ø)  10 mm    Ceneral data  DIN EN 61076-2-101 (M12)    Polution Degree  3    Temperature range  -25485 °C, depending on cable quality    Country of origin  DE    customs tariff number  85444290    EAN  4048879400527    eClass  27279218	Bend radius (moving)	10× outer Ø
Travel speed (C.track)max. 3.3 m/sAcceleration (C.track)max. 5 m/s²Torsion stress.360° /mNo. of trsion cyclesmax. 1 Mio. (25 °C)Torsion speed.35 cycles/minJacket ColorblackTechnical DataOperating voltageQerating voltage.24 V DC ±25%Operating voltage (only UL listed)max. 30 V DCOperating current per contactmax. 4 AMaterial group.1EC 60664-1. category 1Locking of ports.5crew thread (M12×1 mm) recommended torque 0.6 Nm, self-securingCompression glandM12 (SW13)Protection.1P65, IP66K, IP67 inserted and tightened (EN 60529)Locking material.2Inc die casting, matte nickel platedMaterial.PURsuitable for corrugated tube (internal Ø)10 mmCeneral dataCeneral dataControl of .25+85 °C, depending on cable qualityControl of .25+85 °C, depending on cable qualityControl of .27.27218Packaging unit1Calcuss27.27.27.27.27.27.27.27.27.27.27.27.27.2	No. of bending cycles (C-track)	max. 10 Mio. (25 °C)
Acceleration (C-track)max. 5 m/s <sup>a</sup> Torsion stress±360 °/mNo. of torsion cyclesmax. 1 Mio. (25 °C)Torsion speed35 cycles/minJacket ColorblackTechnical DataOperating voltage24 V DC ±25%Operating voltage (only UL listed)max. 30 V DCOperating voltage (only UL listed)max. 30 V DCOperating groupIEC 60664-1, category ILocking of portsScrew thread (M12×1 mm) recommended torque 0.6 Nm, self-securingCompression glandM12 (SW13)ProtectionIP65, IP66K, IP67 inserted and tightened (EN 60529)Locking materialZinc die casting, matte nickel platedMaterialPURsuitable for corrugated tube (internal 0)10 mmGeneral dataStrest S°, C, depending on cable qualityCommercial dataDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial dataDEcountry of originDEcountry of originB5444290EAN404879400527eClass27279218Packaging unit1	Traversing distance (C-track)	max. 5 m (horizontal)
Torsion stress  ±360 °/m    No. of torsion cycles  max. 1 Mio. (25 °C)    Torsion speed  35 cycles/min    Jacket Color  black    Technical Data     Operating voltage  24 V DC ±25%    Operating voltage (only UL listed)  max. 30 V DC    Operating current per contact  max. 4 A    Material group  IEC 60664-1, category I    Locking of ports  Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing    Compression gland  M12 (SW13)    Protection  IP65, IP66K, IP67 inserted and tightened (EN 60529)    Locking material  Zinc die casting, matte nickel plated    Material  PUR    suitable for corrugated tube (internal Ø)  10 mm    General data  DIN EN 61076-2-101 (M12)    Pollution Degree  3    Termeruture range  -25+85 °C, depending on cable quality    Country of origin  DE    country of origin  DE    country of origin  B    country of origin  B    EAN  4048879400527    eClass  27279218    Packaging unit  1	Travel speed (C-track)	max. 3.3 m/s
No. of torsion cycles      max. 1 Mio. (25 °C)        Torsion speed      35 cycles/min        Jacket Color      black        Technical Data      Procession        Operating voltage      24 V DC ±25%        Operating voltage (only UL listed)      max. 30 V DC        Operating current per contact      max. 4 A        Material group      IEC 60664-1, category I        Locking of ports      Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing        Compression gland      M12 (SW13)        Protection      IP65, IP66K, IP67 inserted and tightened (EN 60529)        Locking material      Zinc die casting, matte nickel plated        Material      PUR        suitable for corrugated tube (internal Ø)      10 mm        Ceneral data      DIN EN 61076-2-101 (M12)        Pollution Degree      3        Commercial data      country of origin        Countercial data      DE        custom staff number      85444290        EAN      4048879400527        Colass      27279218        Packaging unit      1	Acceleration (C-track)	max. 5 m/s²
Torsion speed35 cycles/minJacket ColorblackTechnical DataOperating voltage24 V DC ±25%Operating voltage (only UL listed)max. 30 V DCOperating current per contactmax. 4 AMaterial groupIEC 60664-1, category 1Locking of portsScrew thread (M12×1 mm) recommended torque 0.6 Nm, self-securingCompression glandM12 (SW13)ProtectionIP65, IP66K, IP67 inserted and tightened (EN 60529)Locking materialZinc die casting, matte nickel platedMaterialPURsuitable for corrugated tube (internal Ø)10 mmGeneral dataDIN EN 61076-2-101 (M12)Pollution Degree3Commercial datacountry of originCountry of originDEcustoms tariff number85444290EAN4048879400527eClass27279218Packaging unit1	Torsion stress	±360°/m
Jacket Color  black    Technical Data    Operating voltage  24 V DC ±25%    Operating voltage (only UL listed)  max. 30 V DC    Operating current per contact  max. 4 A    Material group  IEC 60664-1, category I    Locking of ports  Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing    Compression gland  M12 (SW13)    Protection  IP65, IP66K, IP67 inserted and tightened (EN 60529)    Locking material  Zinc die casting, matte nickel plated    Material  PUR    suitable for corrugated tube (internal Ø)  10 mm    General data  Standards    Dilution Degree  3    Temperature range  -25+85 °C, depending on cable quality    Commercial data  DE    customs tariff number  85444290    EAN  4048879400527    eClass  27279218    Packaging unit  1	No. of torsion cycles	max. 1 Mio. (25 °C)
Technical DataOperating voltage24 V DC ±25%Operating voltage (only UL listed)max. 30 V DCOperating current per contactmax. 4 AMaterial groupIEC 60664-1, category ILocking of portsScrew thread (M12×1 mm) recommended torque 0.6 Nm, self-securingCompression glandM12 (SW13)ProtectionIP65, IP66K, IP67 inserted and tightened (EN 60529)Locking materialZinc die casting, matte nickel platedMaterialPURsuitable for corrugated tube (internal Ø)10 mmGeneral dataDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCountry of originDEcustoms tariff number85444290EAN4048879400527eClass27279218Packaging unit1	Torsion speed	35 cycles/min
Operating voltage24 V DC ±25%Operating voltage (only UL listed)max. 30 V DCOperating current per contactmax. 4 AMaterial groupIEC 60664-1, category ILocking of portsScrew thread (M12×1 mm) recommended torque 0.6 Nm, self-securingCompression glandM12 (SW13)ProtectionIP65, IP66K, IP67 inserted and tightened (EN 60529)Locking materialZinc die casting, matte nickel platedMaterialPURsuitable for corrugated tube (internal Ø)10 mmGeneral dataDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCountry of originDEcustoms tariff number85444290EAN4048879400527eClass27279218Packaging unit1	Jacket Color	black
Descriptionmax. 30 V DCOperating ourrent per contactmax. 4 AMaterial groupIEC 60664-1, category ILocking of portsScrew thread (M12×1 mm) recommended torque 0.6 Nm, self-securingCompression glandM12 (SW13)ProtectionIP65, IP66K, IP67 inserted and tightened (EN 60529)Locking materialZinc die casting, matte nickel platedMaterialPURsuitable for corrugated tube (internal Ø)10 mmGeneral dataStandardsDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCountry of originDEcustoms tariff numberEAN4048879400527eClass27279218Packaging unit1	Technical Data	
Operating current per contactmax. 4 AMaterial groupIEC 60664-1, category ILocking of portsScrew thread (M12×1 mm) recommended torque 0.6 Nm, self-securingCompression glandM12 (SW13)ProtectionIP65, IP66K, IP67 inserted and tightened (EN 60529)Locking materialZinc die casting, matte nickel platedMaterialPURsuitable for corrugated tube (internal Ø)10 mmGeneral dataStandardsDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial dataCountry of originDEcustoms tariff number85444290EAN4048879400527eClass27279218Packaging unit1	Operating voltage	24 V DC ±25%
Material groupIEC 60664-1, category ILocking of portsScrew thread (M12×1 mm) recommended torque 0.6 Nm, self-securingCompression glandM12 (SW13)ProtectionIP65, IP66K, IP67 inserted and tightened (EN 60529)Locking materialZinc die casting, matte nickel platedMaterialPURsuitable for corrugated tube (internal Ø)10 mmGeneral dataStandardsDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial dataDEcustoms tariff number85444290EAN4048879400527eClass27279218Packaging unit1	Operating voltage (only UL listed)	max. 30 V DC
Locking of portsScrew thread (M12×1 mm) recommended torque 0.6 Nm, self-securingCompression glandM12 (SW13)ProtectionIP65, IP66K, IP67 inserted and tightened (EN 60529)Locking materialZinc die casting, matte nickel platedMaterialPURsuitable for corrugated tube (internal Ø)10 mmGeneral dataStandardsStandardsDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial datacountry of originDEcustoms tariff number85444290EAN4048879400527eClass27279218Packaging unit1	Operating current per contact	max. 4 A
Compression glandM12 (SW13)ProtectionIP65, IP66K, IP67 inserted and tightened (EN 60529)Locking materialZinc die casting, matte nickel platedMaterialPURsuitable for corrugated tube (internal Ø)10 mmGeneral dataStandardsDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial datacountry of originDEcustoms tariff number85444290EAN4048879400527eClass27279218Packaging unit1	Material group	IEC 60664-1, category I
ProtectionIP65, IP66K, IP67 inserted and tightened (EN 60529)Locking materialZinc die casting, matte nickel platedMaterialPURsuitable for corrugated tube (internal Ø)10 mmGeneral dataStandardsStandardsDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial datacountry of originDEcustoms tariff number85444290EAN4048879400527eClass27279218Packaging unit1	Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Locking materialZinc die casting, matte nickel platedMaterialPURsuitable for corrugated tube (internal Ø)10 mmGeneral dataIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial datacountry of originDEcustoms tariff number85444290EAN4048879400527eClass27279218Packaging unit1	Compression gland	M12 (SW13)
MaterialPURsuitable for corrugated tube (internal Ø)10 mmGeneral dataStandardsDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial datacountry of originDEcustoms tariff number85444290EAN4048879400527eClass27279218Packaging unit1	Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
suitable for corrugated tube (internal Ø)10 mmGeneral dataStandardsDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial datacountry of originDEcustoms tariff number85444290EAN4048879400527eClass27279218Packaging unit1	Locking material	Zinc die casting, matte nickel plated
General dataStandardsDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial datacountry of originDEcustoms tariff number85444290EAN4048879400527eClass27279218Packaging unit1	Material	PUR
StandardsDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial datacountry of originDEcustoms tariff number85444290EAN4048879400527eClass27279218Packaging unit1	suitable for corrugated tube (internal $\varnothing$ )	10 mm
Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial datacountry of originDEcustoms tariff number85444290EAN4048879400527eClass27279218Packaging unit1	General data	
Temperature range-25+85 °C, depending on cable qualityCommercial datacountry of originDEcustoms tariff number85444290EAN4048879400527eClass27279218Packaging unit1	Standards	DIN EN 61076-2-101 (M12)
Commercial datacountry of originDEcustoms tariff number85444290EAN4048879400527eClass27279218Packaging unit1	Pollution Degree	3
country of originDEcustoms tariff number85444290EAN4048879400527eClass27279218Packaging unit1	Temperature range	-25+85 °C, depending on cable quality
customs tariff number85444290EAN4048879400527eClass27279218Packaging unit1	Commercial data	
EAN      4048879400527        eClass      27279218        Packaging unit      1	country of origin	DE
eClass 27279218 Packaging unit 1	customs tariff number	85444290
Packaging unit 1	EAN	4048879400527
	eClass	27279218
Sketch	Packaging unit	1
	Sketch	

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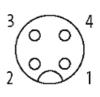




Male

Female





Product may differ from Image

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