

## Iumbergautomation A BELDEN BRAND

**Product information Field Attachable M12 Connectors** with LED - RKCW/LED 4/9 93984

Name

**Delivery informations** Availability Product description

Туре Order No. Description Field Attachable M12 Connectors with LED



terminals (printed circuit board included)	
available	
RKCW/LED 4/9	
93984	
Field attachable connector, M12 female connector, right angled version, with threaded joint and LED operation and function indicator, assembling with screw	
terminals (printed airpuit beard included)	

Field attachable connector, M12 female connector, right angled version, with threaded joint and LED operation and function indicator, assembling with screw

Numer o contacts4Color of lousingloukColor of lousingloukBedon randLoukey-AutonationEdesar-IO2700702Color of loug-In-contactSecondDesign of loug-In-contactandeDesign of loug-In-contactandeTrandIde ConnectorColor of loug-In-contactSecondDesign of loug-In-contactSecondDesign of loug-In-contactIde ConnectorColor of loug-In-contactSecondDesign of loug-In-contactSecondColor of loug-In-contactSecondDesign of loug-In-contactSecondColor of loug-In-contact <t< th=""><th></th><th>terminals (printed circuit board included)</th></t<>		terminals (printed circuit board included)		
Classification      Limberg-Automation        Belden brand      27260702        Celass-ID      27260702        Mechanical data      27260702        Mechanical data      Famale connector        Design of housing      angled        Thread      M12        Design of housing      angled        Connection      serev connection        Connectable conductor corses-section multiple wire (without sleeve)      max. 0.75 mm <sup>2</sup> Connectable conductor corses-section multiple wire (without sleeve)      max. 0.75 mm <sup>2</sup> Screw joint for cable for extenal cable diamter      4.0 mm 8.0 mm        Screw joint for cable for extenal cable diamter      5.0 mm 8.0 mm        Screw joint for cable for extenal cable diamter      5.0 mm 8.0 mm        Screw joint for cable for extenal cable diamter      5.0 mm 8.0 mm        Screw joint for cable for extenal cable diamter      5.0 mm 8.0 mm        Screw joint for cable for extenal cable diamter      5.0 mm 8.0 mm        Screw joint for cable for extenal cable diamter      5.0 mm 8.0 mm        Screw joint for cable for extenal cable diamter      5.0 mm 8.0 mm        Screw joint for cable for extenal cable diamter      5.0 mm 8.0 mm	Number of contacts	4		
Belden brand      Lumberg-Automation        Eclass-ID      22070/2        Mechanical tat      Ferral connector        Pyse of plug-in contact      Ferral connector        Design of housing      angled        Thread      M12        Design of electrical connector      Serwe connection        LED display recontact      A        LED display for the M12 round plug connector      A        Connectable conductor cross-section multiple with (without slewe)      max. 0.75 mn <sup>2</sup> Connectable for external cable diameter      Screw yoint for cable for external cable diameter        Screw yoint for cable for external cable diameter      A 0 mm8 0 mn        Screw yoint for cable for external cable diameter      -SC 0.0 °C        Degree of protection (IP), mounted      P67        Pollution degree      3        Desing material / Molde body      P8T        Contact material      Qu27, nickel-plated        Varianda      P1        Contact material - Surface refinement      pre-Sormania        Finaterial      Qu27, nickel-plated        Sealing material - Surface refinement      P4 At 40°C, U. and notice derating        Finaterial At At 40°C, U. and notice	Color of housing	black		
Eclass-ID      27260702        Mechanical data      Fenale connector        Design of housing      angled        Design of housing      angled        Design of electrical connection      screw connection        Design of electrical connection      screw connection        Connectable conductor cross-section multiple      max. 0.75 mm <sup>2</sup> (without sleeve)      max. 0.75 mm <sup>2</sup> Screw joint for cable for external cable diamete      4.0 mm8.0 mm        Screw cable gland, connecting thread      8.0 mm        Screw cable gland, connecting thread      9.0 mm8.0 mm        Degree of protection (IP), mounted      PF        Contact thread a Lemperature      0.0 mm8.0 mm        Contact material / Molded body	Classification			
Mechanical data      Fenale connector        Type of plug-in contact      Fenale connector        Design of housing      angled        Thread      M12        Design of leactrical connection      screw connection        Coding of the M12 round plug connector      A        LED display present      ✔        Connectable conductor cross-section multiple wire (without sleeve)      ax. 0.75 mn <sup>2</sup> Screw joint for cable for external cable diamet      50 mm. 8.0 mm        Screwed cable gland, connecting thread      5W 19        Environmental temperature      25 °C90 °C.        Degree of protection (IP), mounted      IP67        Pollution degree      3        Naterials      Ferritor        Housing material / Molded body      PBT        Contact barer interial      Qu2n, nick-lpated        Knuref screw / unt material      Qu2n, nick-lpated        Screw / unt material      Qu2n, nick-lpated        Contact transtrial - Surface refinement      per-coppered, Qu3n <sup>2</sup> Contact transtrial - Surface refinement      Qu2n, nick-lpated        Stang material / Molded body      FM        Electrical data      Gu2n, nick-lpated	Belden brand	Lumberg-Automation		
Type of plug-in contact      Female connector        Design of housing      angled        Thread      M12        Design of electrical connection      screw connection        Connectable conductor cross-section multiple wire (without sleeve)      A        Connectable conductor cross-section multiple wire (without sleeve)      max. 0.75 mm <sup>2</sup> Screw oint for cable for external cable diameter      4.0 mm 8.0 mm        Screw oint for cable for external cable diameter      SW 19        Environmental temperature      -25 °C 90 °C        Degree of protection (IP), mounted      IP67        Pollution degree      3        Materials      UZn        Contact tearer material      PBT        Contact tearer functional      IPc-copered, CoSrZn        Contact tearer functional      PC        Contact tearer functional      PC        Contact tearer functional      CuZn        Contact tearer functional      PC        Contact tearer functional      PC        Contact tearer functional      PC        Contact tearer functional      CuZn        Contact tearer functional      CuZn        Contact resistance		27260702		
Design of housing      angled        Thread      M12        Design of electrical connection      screw connection        Contract at M12 round plug connector      A        LED display present      ✓        Connectable conductor cross-section multiple wire (without slewey)      max. 0.75 mm²        Connectable conductor cross-section multiple wire (without slewey)      a.0 mm 8.0 mm        Screw joint for cable for external cable diameter      SW 19        Environmental conditions      Environmental conditions        Environmental conditions      W19        Pollution degree      3        Materials      H67        Pollution degree      3        Materials      Contact therefinement        Pre-coppered, CuSn2n      Contact therefinement        Knured screw / nut material      CuSn, nickel-plated        Contact resistance      ≤ 5 mΩ	Mechanical data			
Thread      M12        Design of electrical connection      screw connection        Coding of the M12 round plug connector      A        LED display present      ✓        Connectable conductor cross-section multiple wire (without sleeve)      max. 0.75 mm <sup>2</sup> Screw joint for cable for external cable diameter      4.0 mm 8.0 mm        Screwed cable gland, connecting thread      8.0 mm        Screwed cable gland, connecting thread      8.0 mm        Environmental conditions	Type of plug-in contact	Female connector		
Design of electrical connection      screw connection        Coding of the M12 round plug connector      A        LED display present      ✓        Connectable conductor cross-section multiple wire (without sleeve)      max. 0.75 mm <sup>2</sup> Screw joint for cable for external cable diameter      4.0 mm 8.0 mm        Screwed cable gland, connecting thread      SW 19        Environmental conditions      Environmental temperature        Environmental temperature      -25 °C 90 °C        Degree of protection (IP), mounted      IP67        Pollution degree      3        Materials      Contact material        Contact bearer material      PBT        Contact naterial      CuZn        Contact material      CuZn        Contact material      CuZn, inckel-plated        Sealing material / Molded body      PET        Contact material      CuZn        Contact material      CuZn, inckel-plated        Sealing material      FkM        Electrical data      CuZn, inckel-plated        Contact resistance      < 5 mQ        Rated current In      4 Aat 40°C, UL and notice derating        Rated outage (Value)	Design of housing	-		
Coding of the M12 round plug connector      A        LED display present      ✓        Connectable conductor cross-section multiple wire (without sleeve)      max. 0.75 mm²        Connectable conductor cross-section multiple wire (without sleeve)      max. 0.75 mm²        Screw cable for external cable diameter      4.0 mm8.0 mm        Screwe cable gland, connecting thread      SV 19        Environmental conditions         Environmental temperature      -25 °C 90 °C        Degree of protection (IP), mounted      P67        Pollution degree      3        Materials         Contact material      PBT        Contact material      PBT        Contact material      QuZn, nickel-plated        Sealing material      FKM        Electrical data      Ext        Contact resistance      ≤ 5 mΩ        Rated current In      4 A at 40°C, UL and notice derating        Rated outsage (Value)      32 V        Supportals      Supportal	Thread	M12		
LED display present    ✓      Connectable conductor cross-section multiple wire (without sleeve)    max. 0.75 mm <sup>2</sup> Screw joint for cable for external cable diameter    4.0 mm 8.0 mm      Screwed cable gland, connecting thread    SW 19      Environmental conditions    Strewed cable gland, connecting thread      Environmental temperature    -25 °C 90 °C      Degree of protection (IP), mounted    IP67      Pollution degree    3      Materials    Housing material / Molded body      PBT    Contact bearer material      Contact material    PBT      Contact material    CuZn      Contact material    CuZn      Contact material    CuZn, nickel-plated      Sealing material    FKM      Electrical data    FKM      Contact resistance    S mQ      Rated current In    4 A at 40°C, UL and notice derating      Rated current In    4 A at 40°C, UL and notice derating      Rated vortage (Value)    > 1 6Q2      Insultation resistance    > 1 6Q2	Design of electrical connection	screw connection		
Connectable conductor cross-section multiple wire (without sleeve)      max. 0.75 mm <sup>2</sup> Screw joint for cable for external cable diameter      4.0 mm 8.0 mm        Screwed cable gland, connecting thread      SW 19        Environmental conditions      Environmental temperature        Environmental temperature      -25 °C 90 °C        Degree of protection (IP), mounted      IP67        Pollution degree      3        Materials      UST        Contact barer material      PBT        Contact material      CuZn        Contact material      CuZn        Contact material      CuZn        Contact material      CuZn        Contact material      CuZn, nickel-plated        Electrical dat      CuZn, nickel-plated        Electrical dat      Stripper ed. CuSnZn        Rated current In      4 A at 40°C, UL and notice derating        Rated vortage (Value)      32 V        Insultation resistance      > 1 GQ        Approvals      > 1 GQ	Coding of the M12 round plug connector	A		
Index or num        Without sleeve)      Index or num        Screw joint for cable for external cable diameter      4.0 mm8.0 mm        Screwed cable gland, connecting thread      SW 19        Environmental conditions      Environmental conditions        Environmental conditions      25 °C 90 °C        Degree of protection (P), mounted      P67        Pollution degree      3        Materials      P1        Contact baser material      PBT        Contact material      PBT        Contact material      Pre-coppered, CuSnZn        Knurled screw / nut material      Cu2n, ickel-plated        Sealing material      FKM        Electrical data      FKM        Contact resistance      < 5 mQ.	LED display present	✓		
(without sleeve)      Image: marger status        Screw joint for cable for external cable diameter      4.0 mm8.0 mm        Screw cable gland, connecting thread      5W 19        Environmental conditions      5°C 90 °C        Degree of protection (IP), mounted      IP67        Pollution degree      3        Materials      1        Materials      PBT        Contact baarer material      QuZn        Contact baarer enfinement      pre-coppered, CuSnZn        Kurled screw / nut material      GuZn        Contact resistance      ≤ 5 mΩ        Electrical data      FKM        Electrical data      S mQ        Rated voltage (Value)      3 U	Connectable conductor cross-section multiple wire	max. 0.75 mm <sup>2</sup>		
Screwed cable gland, connecting thread    SW 19      Environmental conditions    Environmental temperature    -25 °C 90 °C      Degree of protection (IP), mounted    IP67      Pollution degree    3      Materials    Housing material / Molded body      PBT    Contact bearer material      Contact bearer material    PBT      Contact material    CuZn      Contact material    CuZn      Contact material    CuZn, nickel-plated      Sealing material    CuZn, nickel-plated      Sealing material    FKM      Electrical data       Contact resistance    <5 mΩ      Rated current in    4 A at 40°C, UL and notice derating      Rated voltage (Value)    32 V      Insulation resistance    > 1 GΩ      Approvals    > 1 GΩ	(without sleeve)			
Environmental conditions      Environmental temperature    -25 °C 90 °C      Degree of protection (IP), mounted    IP67      Pollution degree    3      Materials       Housing material / Molded body    PBT      Contact bearer material    PBT      Contact material    CuZn      Contact material - Surface refinement    pre-coppered, CuSnZn      Knurled screw / nut material    CuZn, nickel-plated      Sealing material    KM      Electrical data    Contact esistance      Contact value    ≤ 5 mΩ      Rated current ln    4 A at 40°C, UL and notice derating      Rated voltage (Value)    32 V      Insulation resistance    > 1 GΩ      Approvals    > 1 GΩ	Screw joint for cable for external cable diameter	4.0 mm 8.0 mm		
Environmental temperature    -25 °C 90 °C      Degree of protection (IP), mounted    IP67      Pollution degree    3      Materials    Materials      Housing material / Molded body    PBT      Contact bearer material    Qu7n      Contact material - Surface refinement    pre-coppered, CuSnZn      Knurled screw / nut material    CuZn, nickel-plated      Sealing material    KuM      Electrical data    Contact resistance      S 5 mΩ    SnΩ      Rated voltage (Value)    32 V      Insulation resistance    > 1 GΩ      Approvals    > 1 GΩ	Screwed cable gland, connecting thread	SW 19		
Degree of protection (IP), mounted      IP67        Pollution degree      3        Materials	Environmental conditions			
Pollution degree    3      Materials      Housing material / Molded body    PBT      Contact bearer material    PBT      Contact material    CuZn      Contact material    CuZn      Contact material    pre-coppered, CuSnZn      Knurled screw / nut material    CuZn, nickel-plated      Sealing material    FKM      Electrical data    Contact resistance      Contact resistance    < 5 mΩ      Rated current In    4 A at 40°C, UL and notice derating      Rated voltage (Value)    32 V      Insulation resistance    > 1 GΩ      Approvals    > 1 GΩ	Environmental temperature	-25 °C 90 °C		
Materials      Housing material / Molded body    PBT      Contact bearer material    PBT      Contact material    CuZn      Contact material - Surface refinement    pre-coppered, CuSnZn      Knurled screw / nut material    CuZn, nickel-plated      Sealing material    FKM      Electrical data    Contact resistance    ≤ 5 mΩ      Rated current ln    4 A at 40°C, UL and notice derating      Rated voltage (Value)    32 V      Insulation resistance    > 1 GΩ      Approvals    Cu	Degree of protection (IP), mounted	IP67		
Housing material / Molded body      PBT        Contact bearer material      PBT        Contact material      CuZn        Contact material - Surface refinement      pre-coppered, CuSnZn        Knurled screw / nut material      CuZn, nickel-plated        Sealing material      FKM        Electrical data      Electrical data        Contact resistance      ≤ 5 mΩ        Rated voltage (Value)      32 V        Insulation resistance      > 1 GΩ        Approvals	Pollution degree	3		
Contact bearer material      PBT        Contact material      CuZn        Contact material - Surface refinement      pre-coppered, CuSnZn        Knurled screw / nut material      CuZn, nickel-plated        Sealing material      FKM        Electrical data      Contact resistance        Contact resistance      < 5 mΩ        Rated current ln      4 A at 40°C, UL and notice derating        Rated voltage (Value)      32 V        Insulation resistance      > 1 GΩ        Approvals	Materials			
Contact material      CuZn        Contact material - Surface refinement      pre-coppered, CuSnZn        Knurled screw / nut material      CuZn, nickel-plated        Sealing material      FKM        Electrical data         Contact resistance      ≤ 5 mΩ        Rated current In      4 A at 40°C, UL and notice derating        Rated voltage (Value)      32 V        Insulation resistance      > 1 GΩ        Approvals	Housing material / Molded body	PBT		
Contact material - Surface refinement    pre-coppered, CuSnZn      Knurled screw / nut material    CuZn, nickel-plated      Sealing material    FKM      Electrical data    Contact resistance      Contact resistance    ≤ 5 mΩ      Rated current In    4 A at 40°C, UL and notice derating      Rated voltage (Value)    32 V      Insulation resistance    > 1 GΩ	Contact bearer material	PBT		
Knurled screw / nut material  CuZn, nickel-plated    Sealing material  FKM    Electrical data  Contact resistance    ≤ 5 mΩ    Rated current ln  4 A at 40°C, UL and notice derating    Rated voltage (Value)  32 V    Insulation resistance  > 1 GΩ    Approvals	Contact material	CuZn		
Sealing material  FKM    Electrical data  FKM    Contact resistance  ≤ 5 mΩ    Rated current In  4 A at 40°C, UL and notice derating    Rated voltage (Value)  32 V    Insulation resistance  > 1 GΩ    Approvals	Contact material - Surface refinement	pre-coppered, CuSnZn		
Electrical data      Contact resistance    ≤ 5 mΩ      Rated current In    4 A at 40°C, UL and notice derating      Rated voltage (Value)    32 V      Insulation resistance    > 1 6Ω      Approvals	Knurled screw / nut material	CuZn, nickel-plated		
Contact resistance  ≤ 5 mΩ    Rated current In  4 A at 40°C, UL and notice derating    Rated voltage (Value)  32 V    Insulation resistance  > 1 GΩ    Approvals	Sealing material	FKM		
Rated current In  4 A at 40°C, UL and notice derating    Rated voltage (Value)  32 V    Insulation resistance  > 1 GΩ    Approvals	Electrical data			
Rated voltage (Value)  32 V    Insulation resistance  > 1 GΩ    Approvals	Contact resistance	$\leq 5 \text{ m}\Omega$		
Insulation resistance  > 1 GΩ    Approvals	Rated current In			
Approvals	Rated voltage (Value)	32 V		
	Insulation resistance	>1 GΩ		
Approvals UL	Approvals			
	Approvals	UL		

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