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**Product information** Field Attachable M12 Connectors - Standard Type - RKC 4/3/7 11212

Name	

Field Attachable M12 Connectors - Standard Type



Delivery informationsAvailabilityavailabeAvailabilityavailabeProduct descriptionNKX-42/TTypeNKX-42/TDescriptionField attachable connector, straight version, with threaded pint, assembling with sore terminalsNumber of connector, M12 fernale connector, straight version, with threaded pint, assembling with sore terminalsDescriptionField attachable connector, straight version, with threaded pint, assembling with sore terminalsRobert of constanceInterpart version, straight version, with threaded pint, assembling with sore terminalsRobert of constanceInterpart version, straight version, with threaded pint, assembling with sore terminalsRobert of constanceInterpart version, straight version, with threaded pint, assembling with sore terminalsRobert of constanceInterpart version, straight version, with threaded pint, assembling with sore terminalsRobert of constanceInterpart version, straight version, with threaded pint, assembling with sore terminalsRobert of terminal sore terminalsInterpart version, straight version, straight version, with threaded pint, assembling with sore terminalsRobert of terminal sore terminalsInterpart version, straight version, with threaded pint, connecting version, straight version, straigh		Field attachable connector, M12 female connector, straight version, with threaded joint, assembling with screw terminals
Product description     NKC 4/3/7       Type     NKC 4/3/7       Description     Fed attachable connector, M12 female connector, straight version, with threaded joint, assembling with screw terminals       Number of condents     3       Color of housing     back       Edistration     unberg-Automation       Edistration     2780702       Mechanical dial     7270702       Mechanical dial     7280702       Type of plag-in contact     Female connector       Design of housing     Straight       Edid big present     Straight       Connectable conductor cross-section multiple wire     mac. 0.75 mm <sup>2</sup> Connectable conductor cross-section multiple wire     mac. 0.75 mm <sup>2</sup> Screw joint for cable of crotent a Cable damet     S0 mm 6.5 mm       Screw joint for cable for straint a Cable damet     S0 mm 6.5 mm       Environmental transparature     Screw of protecton (P), mounted       P67     Sorter plant for cable for straint a Cable damet       Pollution degree     3       Material     Material       Contact transfari (Moldel body     P67       Pollution degree     Sorton <th colspan="2">Delivery informations</th>	Delivery informations	
Type     MRC 4/37       Order No.     11212       Order No.     11212       Description     Field statchable connector, straight version, with threaded joint, assembling with screw terminals       Numer of contacts     3       Color of housing     back       Description     Lumberg-Automation       Eclass-10     2260702       Descing of housing     Straight       Design of housing     Straight	Availability	available
Decription     1212       Decription     Rel attabile connector, M12 female connector, straight version, with threaded joint, assembling with screw terminals       Number of contacis     3       Color of hussing     back       Classification     Londerp-Automation       Edises Total     2780702       Bechanical total     Connectable conductor consoling       Mechanical total     Fernile connector       Edide of housing     straight       Edide of process section multiple with screw kerner conductor cross-section screw kerner conductor cross-section with screw ker	Product description	
Description     Field attachable connector, M12 henale connector, straight version, with threaded joint, assembling with screw terminals       Number of contacts     3       Color of housing     beck       Classification     27280702       Beden brand     27280702       Methacial data     27280702       Methacial data     Finale connector       Design of housing     straight       Design of housing     straight       Connectable conductor cross-section multipely (without slewe)     man. 0.5 mm <sup>2</sup> Connectable conductor cross-section multipely (without slewe)     30 mm 0.5 mm <sup>2</sup> Every join for cable for external cable diameter     30 mm 0.5 mm <sup>2</sup> Environmental Longerature     25 °C 90 °C       Bagree of protection (IP), mounted     967       Pollution digge     3       Contact baerer material     90 °C       Contact thaterial - Surface refinement     percognetic, OxSiZn       Krewed sleg dand, conneting trees     91       Contact thaterial - Surface refinement     percognetic, OxSiZn       Forstore strain strain of Volded body     PGT       Contact thaterial - Surface refinement     percognetic, OxSiZn	Туре	RKC 4/3/7
Number of contacts     3       Color of housing     back       Color of housing     back       Belden brand     Lumberg-Automation       Eclass-ID     27260702       Mechanical data     Formale connector       Type of plag-in contact     Fernale connector       Belgin present     Image control of marks       Connectable conductor cross-section multiple wire (without sleeve)     mac. 0.76 mm <sup>2</sup> Screw Joint for cable for external cable diameter     3.0 mm. 6.5 mm       Screwed cable goind, connecting thread     SVI 5       Environmental conditions     SVI 5       Environmental conditions     -25 ° C 90 ° C       Degree of protection (UP), monted     P67       Polluto degree     3       Materials     Value Action (UP)       Value anterial (Molded body)     PBT       Contact theorer material     Qu2       Goint atterial - Surface refinement     pre-coppered, CuSn2n       Kuurde Screw / nut material     Gu2, Nut double plated       Gointact theorer inaterial     Qu2       Read quarterial for extra envice of thread plated     Gu2       Contact theorer inat	Order No.	11212
Color of housing     black       Classification     Unberg-Automation       Eclean hand     Lunberg-Automation       Ecleans-ID     27260702       Mechanical data        Type of Julg-In contact     Female connector       Design of housing     straight       LED display present     Image: Connector conss-section multiple wire (without sleeve)       Now that for eable conductor conss-section multiple wire (without sleeve)     nax. 0.75 nm <sup>2</sup> Screw joint for cable conductor gross-section multiple wire (without sleeve)     nax. 0.75 nm <sup>2</sup> Screw deable gland, connecting thread     3.0 mm 6.5 mm       Screwed cable gland, connecting thread     3.0 mm 6.5 mm       Screwed cable gland, connecting thread     3.0 mm 6.5 mm       Screwed cable gland, connecting thread     3.0 mm 6.5 mm       Screwed cable gland, connecting thread     3.0 mm 6.5 mm       Screwed cable gland, connecting thread     3.0 mm 6.5 mm       Screwed cable gland, connecting thread     3.0 mm 6.5 mm       Screwed cable gland, connecting thread     9.0 %C       Degree of protection (IP), mounted     IP6.7       Pollution degree     0 for.0 Contact material  <	Description	Field attachable connector, M12 female connector, straight version, with threaded joint, assembling with screw terminals
Classification     Lumberg-Automation       Belden brand     Lumberg-Automation       Celass-ID     2260702       Mechanical data     Female connector       Disging of housing     straight       LED display present     Image: Connectable conductor cross-section multiple wire (without sleeve)       Connectable conductor cross-section multiple wire (without sleeve)     max. 0.75 mm <sup>2</sup> Screw joint for cable for external cable diameter     3.0 mm 6.5 mm       Screw joint for cable for external cable diameter     3.0 mm 6.5 mm       Screw joint for cable for external cable diameter     3.0 mm 6.5 mm       Screw joint for cable for external cable diameter     3.0 mm 6.5 mm       Screw joint for cable for external cable diameter     3.0 mm 6.5 mm       Screw joint for cable for external cable diameter     3.0 mm 6.5 mm       Screw joint for cable for external cable diameter     3.0 mm 6.5 mm       Screw joint for cable for external cable diameter     4.5 % C 90 % C.       Begre of protection (IP), mounted     P67       Pollution degree     0.20 m       Contact table strait - Surface refinement     pre-coppered, CuSnZn       Contact table straital - Surface refinement     pre-coppered, CuSnZn<	Number of contacts	3
Belden brand     Lumberg-Automation       Eclass-ID     2200702       Mechanical data     Farale connector       Type of plug-in contact     Fernale connector       Design of housing     straight       LED dispay present     Imax. 0.75 m <sup>2</sup> Connectable conductor cross-section multiple without isewol     max. 0.75 m <sup>2</sup> (without siewol)     30 mme.6.5 mm       Screwol cable gland, connecting thread     30 mme.6.5 mm       Screwol cable gland, connecting thread     90 °C       Environmental temperature     25 °C 90 °C       Degree of protection (P), mounted     PF7       Pollution degree     3       Screwol catale gland, conce refinement     PG7       Pollution degree     3       Ontact tamerial     Volde       Volde body     PG7       Pollution degree     3       Contact tamerial     PG7       Pollution degree     3       Contact tamerial     PG7       Contact tamerial / Molded body     PG7       Contact tamerial     Contact tamerial       Contact tamaterial - Surice refinement     pc-cop	Color of housing	black
Eclass-ID   27260702     Mechanical data   Female connector     Design of housing   straight     LED display present   Image: Connector Connector     Connectable conductor cross-section multiple wire   nax. 0.75 mm <sup>2</sup> (without sleeve)   nax. 0.75 mm <sup>2</sup> Screw joint for cable for external cable diameter   3.0 mm 6.5 mm     Screw cable gland, connecting thread   SV 1.5     Environmental temperature   -25 °C 90 °C     Degree of protection (P), mounted   IP67     Pollution degree   3     Outact bearer material   OuZn     Contact material   OuZn     Contact material   OuZn     Contact material   QuZn, nickel-plated     Contact material   QuX nickel-plated     Contact material   QuX nickel-pl	Classification	
Mechanical data     Female connector       Design of housing     Straight       Eb display present     ▲       Connectable conductor cross-section multiple wire (without sleeve)     nax. 0.75 mm <sup>2</sup> Screw joint for cable for external cable diameter     3.0 mm 6.5 mm       Screw cable gland, connecting thread     SW 15       Environmental conditions     Environmental temperature       -25 °C 90 °C     -25 °C 90 °C       Pollution degree     3       Ontact tearer material     P67       Pollution degree     3       Orate tearer material     PBT       Contact tearer material     PBT       Contact material - Surface refinement     proopened, CuSnZn       Knurder screw, runt material     QuZn, nickel-plated       Sealing material     KMA       Electrical data     CuZn       Contact material     Surface refinement       proopened, CuSnZn     Kurder Screw, runt material       Sealing material     Sinkel-plated       Sealing material     Straight       Source screw, runt material     Sinkel-plated       Sealing material     Sinkel-plated <th>Belden brand</th> <th>Lumberg-Automation</th>	Belden brand	Lumberg-Automation
Type of plug-in contact     Female connector       Design of flousing     straight       LED display present     Image: Connectable conductor cross-section multiple wing without sleve/)       Connectable conductor cross-section multiple wing without sleve/)     max. 0.75 mm <sup>2</sup> Screw joint for cable for external cable diameter     3.0 mm 6.5 mm       Screwed cable gland, connecting thread     SW 15       Environmental conditions     Environmental temperature       Environmental temperature     -25 °C 90 °C       Degree of protection (IP), mounted     IP67       Pollution degree     3       Materials     Female conserver       Fourian metrial / Molded body     PBT       Contact material     QuZn       Contact material     QuZn, nickel-plated       Contact material     CuZn, nickel-plated       Sealing material / KiM     Female conserver       Electrical data     S fmΩ       Contact material     S fmΩ       Contact resistance     \$ fmΩ       Contact resistance     \$ fmΩ       Contact resistance     \$ fmΩ       Contact resistance     \$ fmΩ       Cont	Eclass-ID	27260702
Design of housing     straight       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     3.0 mm6.5 mm       Screw joint for cable for external cable diameter     3.0 mm6.5 mm       Screw joint for cable for external cable diameter     3.0 mm6.5 mm       Environmental conditions     Environmental temperature       -25 °C 90 °C     Degree of protection (PP), mounted       Poilution degree     3       Materials     Fortacton (PP), mounted       Housing material / Molded body     PBT       Contact bearer material     Qu2n       Contact material     Gu2n       Contact material - Surface refinement     pre-coppered, CuSn2n       Knurded screw / nut material     Gu2n, nickel-plated       Contact material - Surface refinement     pre-coppered, CuSn2n       Knurde screw / nut material     Gu2n       Contact resistance     \$5 mΩ       Rated current In     4 A at 40°C, UL and notice derating       Nominal voltage     240 V       Rated vortage     20 Kv eff./60 s       Insulat	Mechanical data	
LED display present   ★     Connectable conductor cross-section multiple wire (without sleeve)   max. 0.75 mm <sup>2</sup> Screwel cable gland, connecting thread   SW 15     Screwel cable gland, connecting thread   SW 15     Environmental conditions   Environmental temperature     -25 % C 90 %   P67     Pollution degree   3     Materials   FM     Contact baerer material   PBT     Contact baerer material   PBT     Contact baerer material   CuZn     Contact baerer material   CuZn     Contact baerer / nut material   CuZn, nickel-plated     Sealing material   FKM     Electrical data   CuZn, nickel-plated     Sealing material   FKM     Electrical data   CuZn, nickel-plated     Contact material   SuSN     Rated current In   4 A at 40°C, UL and notice derating     Nominal voltage   240 V     Rated voltage (Value)   250 V     Test voltage   20 V     Rated voltage (Value)   26 V	Type of plug-in contact	Female connector
Connectable conductor cross-section multiple wir (without sleeve)     max. 0.75 mm <sup>2</sup> Screw joint for cable for external cable diameter     3.0 mm 6.5 mm       Screwed cable gland, connecting thread     SW 15       Environmental conditions     Environmental temperature       Environmental temperature     -25 °C 90 °C       Degree of protection (IP), mounted     IP67       Pollution degree     3       Materials     Voltage       Contact barer material     PBT       Contact material     Cu2n       Contact material     Cu2n, inckel-plated       Sealing material     FKM       Electrical dat     Cu2n, inckel-plated       Sealing material     S mQ       Contact tesistance     \$ 5 mQ       Contact resistance     \$ 5 mQ       Rated current In     4 A at 40°C, UL and notice derating       Nomial voltage     260 V       Rated voltage (Value)     250 V	Design of housing	straight
Index of or min       Screw joint for cable for external cable diameter     3.0 mm 6.5 mm       Screw dcable gland, connecting thread     SV 15       Environmental conditions     Environmental temperature       -25 °C 90 °C     Degree of protection (IP), mounted       Polition degree     3       Materials     Formation       Housing material / Molded body     PBT       Contact bearer material     QuZn       Contact material     CuZn       Contact material     CuZn       Contact material     CuZn       Contact material     CuZn, nickel-plated       Sealing material / at 4 at 4 CuSn Zu     Zu       Contact material     CuZn, nickel-plated       Sealing material     Ext 4 at 40°C, UL and notice derating       Noninal voltage     2 40 V       Rated current In     4 At 40°C, UL and notice derating       Nominal voltage     2 50 V       Test voltage     Cu K eff.60 s       Insulation resistance     > 1 6Q	LED display present	×
Screw joint for cable for external cable diameter     3.0 mm6.5 mm       Screwed cable gland, connecting thread     SW 15       Environmental conditions     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     Cu2n       Contact material     Cu2n       Contact material     Cu2n, nickel-plated       Sealing material     Cu2n, nickel-plated       Sealing material     FKM       Electrical data     Contact resistance       Contact resistance     <5 m2       Rated current In     4 Aat 40°C, UL and notice derating       Nominal voltage     240 V       Rated voltage (Value)     250 V       Test voltage     2.0 kV eff/60 s       Insulation resistance     > 1 GΩ	Connectable conductor cross-section multiple wire	max. 0.75 mm <sup>2</sup>
Screwed cable gland, connecting thread     SW 15       Environmental conditions     25 °C 90 °C       Degree of protection (IP), mounted     IP67       Pollution degree     3       Materials     3       Housing material / Molded body     PBT       Contact bearer material     PBT       Contact bearer material     CuZn       Contact material - Surface refinement     pre-coppered, CuSnZn       Knurled screw / nut material     CuZn, nickel-plated       Sealing material     FKM       Electrical data     ZuZn, nickel-plated       Contact resistance     ≤ 5 mΩ       Rated current In     4 A at 40°C, UL and notice derating       Nominal voltage     240 V       Rated current In     4 A at 40°C, UL and notice derating       Nominal voltage     250 V       Test voltage     2.0 kV eff./60 s       Insulation resistance     > 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     QuZn       Contact material     CuZn, nickel-plated       Sealing material     CuZn, nickel-plated       Sealing material     FKM       Electrical data        Contact resistance     <5 mQ       Rated current In     4 A at 40°C, UL and notice derating       Nominal voltage     20 kV eff./60 s       Fasted voltage (Value)     250 V       Test voltage     2.0 kV eff./60 s	Screw joint for cable for external cable diameter	3.0 mm 6.5 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   DBT     Contact material   CuZn     Contact material   CuZn     Contact material   CuZn.     Cuzn in cikel-plated   Sealing material     Sealing material   FKM     Electrical dat   Contact resistance     Contact resistance   ≤ 5 mΩ     Rated current In   4 A at 40°C, UL and notice derating     Nominal voltage   20 V     Rated voltage (Value)   250 V     Test voltage   2.0 kV eff./60 s     Insulation resistance   > 1 GΩ	Screwed cable gland, connecting thread	SW 15
Degree of protection (IP), mounted     IP67       Pollution degree     3       Materials        Housing material / Molded body     PBT       Contact bearer material     DPT       Contact material     CuZn       Contact material     CuZn       Contact material     CuZn, nickel-plated       Sealing material     CuZn, nickel-plated       Sealing material     CuZn, nickel-plated       Contact resistance     ≤ 5 mΩ       Rated current In     4 At 40°C, UL and notice derating       Nominal voltage     240 V       Rated voltage (Value)     250 V       Test voltage     20 kV eff./60 s       Insulation resistance     > 1 GΩ	Environmental conditions	
Pollution degree   3     Materials     Housing material / Molded body   PBT     Contact bearer material   PBT     Contact material   CuZn     Contact material   CuZn, nickel-plated     Sealing material   FKM     Electrical data   Contact resistance     S = S mΩ   Rated current In     A At 40°C, UL and notice derating   Nominal voltage     Nominal voltage   240 V     Rated voltage (Value)   250 V     Test voltage   2.0 kV eff./60 s     Insulation resistance   > 1 GΩ	Environmental temperature	-25 °C 90 °C
Materials     Housing material / Molded body   PBT     Contact bearer material   PBT     Contact material   CuZn     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     Nominal voltage   240 V     Rated voltage (Value)   250 V     Test voltage   2.0 kV eff./60 s     Insulation resistance   > 1 6Ω	Degree of protection (IP), mounted	IP67
Housing material / Molded body     PBT       Contact bearer material     PBT       Contact material     CuZn       Contact material     CuZn       Contact material     Surface refinement     pre-coppered, CuSnZn       Knurled screw / nut material     CuZn, nickel-plated     Surface       Sealing material     FKM     FKM       Electrical data     V     Surface     Surface     Surface     Sufface     Su	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       Nominal voltage     240 V       Rated voltage (Value)     250 V       Test voltage     2.0 kV eff./60 s       Insulation resistance     > 1 GΩ	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       Contact resistance     ≤ 5 mΩ       Rated current In     4 A at 40°C, UL and notice derating       Nominal voltage     240 V       Rated voltage (Value)     250 V       Test voltage     2.0 kV eff./60 s       Insulation resistance     > 1 GΩ	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     ≤ 5 mΩ       Rated current In     4 A at 40°C, UL and notice derating       Nominal voltage     240 V     Rated voltage (Value)     250 V       Test voltage     2.0 kV eff./60 s     1.6Ω	Contact bearer material	PBT
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     Nominal voltage   240 V     Rated voltage (Value)   250 V     Test voltage   2.0 kV eff./60 s     Insulation resistance   > 1 GΩ	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     Nominal voltage   240 V     Rated voltage (Value)   250 V     Test voltage   2.0 kV eff./60 s     Insulation resistance   > 1 GΩ	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     Nominal voltage   240 V     Rated voltage (Value)   250 V     Test voltage   2.0 kV eff./60 s     Insulation resistance   > 1 GΩ	Knurled screw / nut material	CuZn, nickel-plated
Contact resistance     ≤ 5 mΩ       Rated current In     4 A at 40°C, UL and notice derating       Nominal voltage     240 V       Rated voltage (Value)     250 V       Test voltage     2.0 kV eff./60 s       Insulation resistance     > 1 GΩ	Sealing material	FKM
Rated current In   4 A at 40°C, UL and notice derating     Nominal voltage   240 V     Rated voltage (Value)   250 V     Test voltage   2.0 kV eff./60 s     Insulation resistance   > 1 GΩ	Electrical data	
Nominal voltage     240 V       Rated voltage (Value)     250 V       Test voltage     2.0 kV eff./60 s       Insulation resistance     > 1 GΩ	Contact resistance	≤ 5 mΩ
Rated voltage (Value)     250 V       Test voltage     2.0 kV eff./60 s       Insulation resistance     > 1 GΩ	Rated current In	4 A at 40°C, UL and notice derating
Test voltage 2.0 kV eff./60 s   Insulation resistance > 1 GΩ	Nominal voltage	240 V
Insulation resistance >1 GΩ	Rated voltage (Value)	250 V
	Test voltage	2.0 kV eff./60 s
Approvals	Insulation resistance	>1 GΩ
Approvals UL	Approvals	UL

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