

DOL-1208-G25MAC1





Ordering information

Туре	Part no.
DOL-1208-G25MAC1	6067859

Other models and accessories → www.sick.com/

Detailed technical data

Technical specifications

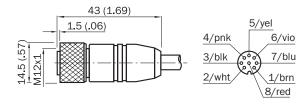
Accessory group Plug connectors and cables Connection type head A cented connector, M12, 8-pin, straight Connection type head B Fying leads Connection type Flying leads Connector material TPU Connector cofor Black Locking nut material Cuzn. nickel-plated brass Tightening torque 0.5 Nm Cable 25 m, 8-wire, PUR, halogen-free Jacket color Black Cable diameter 7 mm Conductor cross-section 0.25 mm², 4 x 2 x 0.25 mm² Shielding Shielded Bending radius 5 x cable diameter Flexible use > 10 x cable diameter Stationary position > 5 x cable diameter Bending cycles > 2 x cable diameter Bending cycles > 2 x cable diameter Current loading 2 A Signal type Incremental, SSI Enclosure rating Pead A: female connector, M12, 8-pin, straight Head B: cable Cable: suitable for drag chain, PVC, shielded, 4 x 2 x 0.25 mm², 9 7.0 mm Ambient operating temperature Flexible use 25 * C +80 *	recrimed specimedians	
Connection type head A Connection type head B Connection type Connection type Connection type Connector material Councetor material Councetor color Co	Accessory group	Plug connectors and cables
Connection type head B Connection type Connector material TPU Connector color Black Locking nut material Cuzn, nickel-plated brass Tightening torque Cosh Cable Jacket material Jacket material Jacket color Black Color Coble Jacket color Coble diameter Conductor cross-section Coblediameter Shielding Bending radius Flexible use Flexible use Stationary position Arcy position Current loading Signal type Lincosure rating Description Flexible use Flexible use Posibieded Ax : Emale connector, M12, 8-pin, straight Head B: cable Cable: suitable for drag chain, PVC, shielded, 4 x 2 x 0.25 mm², 9 7.0 mm Ambient operating temperature Flexible use Stationary position Flexible use Flexible use Stationary position Flexible use Stationary Puzz Puzz Puzz Puzz Puzz Puzz Puzz Puz	Accessory family	Connecting cables
Connection type Connector material Connector color Black Cocking nut material Cozin, nickel-plated brass Cozin, nickel-plated bra	Connection type head A	Female connector, M12, 8-pin, straight
Connector material Connector waterial Connector color Black Locking nut material Cuzn, nickel-plated brass Cuzn, nickel-plated brass Cable Jacket material Jacket material Jacket color Black Cable diameter 7 mm Conductor cross-section Shielding Shielding Bending radius Flexible use Stationary position Bending cycles Reference voltage Current loading Signal type Enclosure rating Description Amblent operating temperature Flexible use Flexible	Connection type head B	Flying leads
Connector color Locking nut material Cu2n, nickel-plated brass U25 m, 8-wire, PUR, halogen-free Jacket material PUR, halogen-free PIR, halogen-free PIR, halogen-free Black Cable diameter Conductor cross-section Shielding Shielded Flexible use Stationary position PEG Current loading Signal type Enclosure rating Pescription Ambient operating temperature Flexible use Stationary position Flexible use Stationary position Flexible use Stationary position Flexible use Statio-scane and scane and	Connection type	Flying leads
Locking nut material CuZn, nickel-plated brass Tightening torque 0.5 Nm Cable 25 m, 8-wire, PUR, halogen-free Jacket material PUR, halogen-free Jacket color Black Cable diameter 7 mm Conductor cross-section 0.25 mm², 4 x 2 x 0.25 mm² Shielding Shielded Bending radius > 10 x cable diameter Flexible use > 5 x cable diameter Stationary position > 5 x cable diameter Bending cycles > 2,000,000 Reference voltage ≤ 36 V AC/DC Current loading 2 A Signal type Incremental, SSI Enclosure rating IP67 Description Head A: female connector, M12, 8-pin, straight Head B: cable Cable: suitable for drag chain, PVC, shielded, 4 x 2 x 0.25 mm², 0 7.0 mm Ambient operating temperature -25 ° C +80 ° C Stationary position -55 ° C +80 ° C	Connector material	TPU
Tightening torque 0.5 Nm Cable 25 m, 8-wire, PUR, halogen-free Jacket material PUR, halogen-free Jacket color Black Cable diameter 7 mm Conductor cross-section 0.25 mm², 4 x 2 x 0.25 mm² Shelding Shielded Bending radius 1 0 x cable diameter Flexible use Stationary position > 5 x cable diameter Sending cycles > 2,000,000 Reference voltage ≤ 36 V AC/DC Current loading 2 A Signal type Incremental, SSI Enclosure rating IP67 Description Head A: female connector, M12, 8-pin, straight Head B: cable Cable: suitable for drag chain, PVC, shielded, 4 x 2 x 0.25 mm², Ø 7.0 mm Ambient operating temperature 7-25 °C +80 °C Stationary position -50 °C +80 °C	Connector color	Black
Cable 25 m, 8-wire, PUR, halogen-free Jacket material PUR, halogen-free Black Cable diameter 7 mm Conductor cross-section 0.25 mm², 4 x 2 x 0.25 mm² Shielding Shielding Stationary position Position Stationary position Poscription Reference voltage 2 A Signal type Incremental, SSI Enclosure rating Plexible use Flexible use Flexible use Proc, Stationary position Proc, Schielded, 4 x 2 x 0.25 mm², Ø 7.0 mm Ambient operating temperature Flexible use Stationary position Plexible use Stationary position Proc, shielded, 4 x 2 x 0.25 mm², Ø 7.0 mm Ambient operating temperature Flexible use Stationary position Proc, shall be connector, M12, 8-pin, straight Head B: cable Cable: suitable for drag chain, PVC, shielded, 4 x 2 x 0.25 mm², Ø 7.0 mm	Locking nut material	CuZn, nickel-plated brass
Jacket material Jacket color Black Cable diameter 7 mm Conductor cross-section Shielding Bending radius Flexible use Stationary position Percentage Current loading Signal type Enclosure rating Percentage Flexible use Flexible use Flexible use Stationary position Flexible use Signal type Flexible use	Tightening torque	0.5 Nm
Jacket colorBlackCable diameter7 mmConductor cross-section0.25 mm², 4 x 2 x 0.25 mm²ShieldingShieldedBending radius> 10 x cable diameterStationary position> 5 x cable diameterBending cycles> 2,000,000Reference voltage≤ 36 V AC/DCCurrent loading2 ASignal typeIncremental, SSIEnclosure ratingIP67DescriptionHead A: female connector, M12, 8-pin, straight Head B: cable Cable: suitable for drag chain, PVC, shielded, 4 x 2 x 0.25 mm², Ø 7.0 mmAmbient operating temperature-25 ° C +80 ° CStationary position-25 ° C +80 ° C	Cable	25 m, 8-wire, PUR, halogen-free
Cable diameter Conductor cross-section Conductor cross	Jacket material	PUR, halogen-free
Conductor cross-section 0.25 mm², 4 x 2 x 0.25 mm² Shielding 5 hielded Bending radius * 10 x cable diameter Flexible use \$ 10 x cable diameter Stationary position \$ 5 x cable diameter Bending cycles \$ 2,000,000 Reference voltage \$ 36 V AC/DC Current loading 2 A Signal type Incremental, SSI Enclosure rating IP67 Description Head A: female connector, M12, 8-pin, straight Head B: cable Cable: suitable for drag chain, PVC, shielded, 4 x 2 x 0.25 mm², Ø 7.0 mm Ambient operating temperature -25 °C +80 °C Stationary position -25 °C +80 °C Stationary position -50 °C +80 °C	Jacket color	Black
Shielding Bending radius Flexible use Stationary position Bending cycles Current loading Signal type Enclosure rating Description Flexible use Flexible use Flexible use Stationary position Flexible use Stationary position Flexible use Stationary position Flexible use Stationary position Shielded Sh	Cable diameter	7 mm
Bending radius Flexible use Stationary position Stationary posit	Conductor cross-section	0.25 mm², 4 x 2 x 0.25 mm²
Flexible use Stationary position 5 x cable diameter Bending cycles 5 2,000,000 Reference voltage 5 36 V AC/DC Current loading 2 A Signal type Incremental, SSI Enclosure rating IP67 Description Head A: female connector, M12, 8-pin, straight Head B: cable Cable: suitable for drag chain, PVC, shielded, 4 x 2 x 0.25 mm², Ø 7.0 mm Ambient operating temperature Flexible use Stationary position 5 °C +80 °C -50 °C +80 °C	Shielding	Shielded
Stationary position > 5 x cable diameter Bending cycles > 2,000,000 Reference voltage ≤ 36 V AC/DC Current loading 2 A Signal type Incremental, SSI Enclosure rating IP67 Description Head A: female connector, M12, 8-pin, straight Head B: cable Cable: suitable for drag chain, PVC, shielded, 4 x 2 x 0.25 mm², Ø 7.0 mm Ambient operating temperature Flexible use −25 °C +80 °C Stationary position −25 °C +80 °C	Bending radius	
Bending cycles > 2,000,000 Reference voltage ≤ 36 V AC/DC Current loading 2 A Signal type Incremental, SSI Enclosure rating IP67 Description Head A: female connector, M12, 8-pin, straight Head B: cable Cable: suitable for drag chain, PVC, shielded, 4 x 2 x 0.25 mm², Ø 7.0 mm Ambient operating temperature Flexible use -25 °C +80 °C Stationary position -50 °C +80 °C	Flexible use	> 10 x cable diameter
Reference voltage Current loading 2 A Signal type Incremental, SSI Enclosure rating IP67 Description Head A: female connector, M12, 8-pin, straight Head B: cable Cable: suitable for drag chain, PVC, shielded, 4 x 2 x 0.25 mm², Ø 7.0 mm Ambient operating temperature Flexible use Stationary position Stationary position Stationary position Signal type Incremental, SSI Incremental, SSI IP67 At the semale connector, M12, 8-pin, straight Head B: cable Cable: suitable for drag chain, PVC, shielded, 4 x 2 x 0.25 mm², Ø 7.0 mm	Stationary position	> 5 x cable diameter
Current loading 2 A Signal type Incremental, SSI Enclosure rating Description Head A: female connector, M12, 8-pin, straight Head B: cable Cable: suitable for drag chain, PVC, shielded, 4 x 2 x 0.25 mm², Ø 7.0 mm Ambient operating temperature Flexible use -25 °C +80 °C Stationary position Stationary position	Bending cycles	> 2,000,000
Signal type Enclosure rating Description Head A: female connector, M12, 8-pin, straight Head B: cable Cable: suitable for drag chain, PVC, shielded, 4 x 2 x 0.25 mm², Ø 7.0 mm Ambient operating temperature Flexible use -25 °C +80 °C Stationary position Stationary position Incremental, SSI Incremental, S	Reference voltage	≤ 36 V AC/DC
Enclosure rating Description Head A: female connector, M12, 8-pin, straight Head B: cable Cable: suitable for drag chain, PVC, shielded, 4 x 2 x 0.25 mm², Ø 7.0 mm Ambient operating temperature Flexible use −25 °C +80 °C Stationary position Stationary position	Current loading	2 A
Description Head A: female connector, M12, 8-pin, straight Head B: cable Cable: suitable for drag chain, PVC, shielded, 4 x 2 x 0.25 mm², Ø 7.0 mm Ambient operating temperature Flexible use -25 °C +80 °C Stationary position -50 °C +80 °C	Signal type	Incremental, SSI
Ambient operating temperature Flexible use -25 °C +80 °C Stationary position -50 °C +80 °C	Enclosure rating	IP67
Flexible use -25 °C +80 °C -50 °C +80 °C	Description	
Stationary position -50 °C +80 °C	Ambient operating temperature	
	Flexible use	-25 °C +80 °C
Head -25 °C +80 °C	Stationary position	-50 °C +80 °C
	Head	-25 °C +80 °C

Classifications

ECI@ss 5.0	19030312
ECI@ss 5.1.4	19030312

ECI@ss 6.0	27060304
ECI@ss 6.2	27060304
ECI@ss 7.0	27060304
ECI@ss 8.0	27060304
ECI@ss 8.1	27060304
ECI@ss 9.0	27060304
ECI@ss 10.0	27060304
ECI@ss 11.0	27060304
ETIM 5.0	EC000830
ETIM 6.0	EC000830
ETIM 7.0	EC003249
UNSPSC 16.0901	26121604

Dimensional drawing (Dimensions in mm (inch))



All dimensions in mm (inch)

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