

At a glance

- Enclosure rating IP69K
- · Ecolab certified
- Knurled nuts made of stainless steel (V4A)
- FDA conformity¹⁾
- Resistance to lactic acid1)
- 1) PP (Polypropylene) variants.
- 2) PVC (Polyvinyl chloride) variants.

- Hygienic design ¹⁾
- Torsionable ± 180°/m 1)
- Weatherproof (resistant to ozone and UV) ¹⁾
- Dual-action profile seal 2)
- Halogen free 1)

Your benefits

- Durability and resistance to corrosion with the high quality cable material (PVC/PP) used
- High resistance to Ecolab-certified cleaning agents
- Resistance to the effects of high pressure cleaning and steam cleaning with protection classes IP67 and IP69K
- PVC cables have a special sealing concept with dual-action profile seal
- PP cables have a hygienic design which prevents trapping of dirt and is easy to clean
- Using a suitable mounting tool ensures a watertight connection between the sensor and cable
- Variants with 3 status display LEDs (Power, N/C, N/O)



= suitable for drag chains



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= shielded



For more information, simply enter the link or scan the QR code and get direct access to technical data, CAD design models, operating instructions, software, application examples, and much more.



Ordering information

Other device versions available here → www.sick.de/plug_connectors_and_cables

Connecting cables with M8 female connector, PP

Cable material	Temperature resistance	Certifications	Tightening torque	Туре
PP	-40 °C +105 °C, for fixed installation	Ecolab, FDA	0.6 Nm	Female connector, M8, 3-pin
PP	-25 °C +105 °C, for flexible use			Female connector, M8, 4-pin

Туре	Figure	Enclo- sure rating	Current carrying capacity	Rated voltage	Head A connection type	Head B connection type	Length of cable	Туре	Part no.
Female		IP67/ IP69K		≤ 60 V	Female connector, M8, 3-pin, straight	Open cable end	2 m	DOL-0803-G02MRN	6058504
	6		4 A		3/BU 1/BN		10 m	DOL-0803-G10MRN	6058506
connector, M8, 3-pin		IP67/ 4 A IP69K			Female connector, M8, 3-pin, angled, with	Open cable	2 m	DOL-0803-W02MRN	6058507
			≤ 60 V	LED Open capit		10 m	DOL-0803-W10MRN	6058509	

Туре	Figure	Enclo- sure rating	Current carrying capacity	Rated voltage	Head A connection type	Head B connection type	Length of cable	Туре	Part no.
					Female connector, M8, 3-pin,		2 m	DOL-0803-L02MRN	6058787
Female connec- tor, M8, 3-pin		IP67/ IP69K	4 A	≤ 60 V	angled, with LED	Open cable end	5 m	DOL-0803-L05MRN	6058788
3-piii					3/BU 1/BN		10 m	DOL-0803-L10MRN	6058789
					Female connector,		2 m	DOL-0804-G02MRN	6058510
		IP67/	4 A	≤ 30 V	M8, 4-pin, straight 4/BK 2/WH 3/BU 1/BN	Open cable end	5 m	DOL-0804-G05MRN	6058511
	6	IP69K					10 m	DOL-0804-G10MRN	6058512
	ලක _ර ි ලකුණි				3750		25 m	DOL-0804-G25MRN	6058513
		IP67/	4 A	≤ 30 V	Female connector, M8, 4-pin, angled	Open cable end	2 m	DOL-0804-W02MRN	6058514
Female connec-							5 m	DOL-0804-W05MRN	6058515
tor, M8, 4-pin		IP69K					10 m	DOL-0804-W10MRN	6058517
	0000 CO				<u>3750</u>		25 m	DOL-0804-W25MRN	6058518
					Female connector, M8, 4-pin,		2 m	DOL-0804-L02MRN	6058790
		IP67/ IP69K	4 A	≤ 30 V	straight, with LED	Open cable end	5 m	DOL-0804-L05MRN	6058791
	GGG						10 m	DOL-0804-L10MRN	6058792

Connecting cables with M8 female connector, PVC

Cable material	Temperature resistance	Certifications	Tightening torque	Туре
PVC	-30 °C +80 °C, for fixed installation	Ecolab, CSA,	0.4 Nm	Female connector, M8, 3-pin
PVC	-5 °C +80 °C, for flexible use	UL	0.4 NIII	Female connector, M8, 4-pin

Suitable torque wrench

Figure	Description	Туре	Part no.
No.	M08 torque wrench (AF10, 0.4 Nm)	TOOL-TW04M08AF10	5337210

Туре	Figure	Enclo- sure rating	Current carrying capacity	Rated voltage	Head A connection type	Head B connection type	Length of cable	Туре	Part no.
					Female connector,		2 m	DOL-0803-G02MNI	6059177
		IP65/ IP67/	4 A	≤ 60 V	M8, 3-pin, straight	Open cable	5 m	DOL-0803-G05MNI	6059178
	0	IP69K	47	≥ 00 V	3/BU	end	10 m	DOL-0803-G10MNI	6059179
Female connec-							25 m	DOL-0803-G25MNI	6059191
tor, M8, 3-pin					Female connector,		2 m	DOL-0803-W02MNI	6059187
		IP65/ IP67/	4 A	≤ 60 V	M8, 3-pin, angled	Open cable end	5 m	DOL-0803-W05MNI	6059188
		IP69K			3/BU 1/BN		10 m	DOL-0803-W10MNI	6059190
							25 m	DOL-0803-W25MNI	6059192
			4 A	≤ 30 V	Female connector, M8, 4-pin, straight	Open cable end	2 m	DOL-0804-G02MNI	6059193
		IP65/ IP67/					5 m	DOL-0804-G05MNI	6059194
	0	IP69K					10 m	DOL-0804-G10MNI	6059195
Female connec-							25 m	DOL-0804-G25MNI	6059196
tor, M8, 4-pin					Female connector,		2 m	DOL-0804-W02MNI	6059197
	9	IP65/ IP67/ IP69K	4 A	≤ 30 V	M8, 4-pin, angled	Open cable end	5 m	DOL-0804-W05MNI	6059198
			771	2007	4/BK 2/WH 3/BU _ 1/BN		10 m	DOL-0804-W10MNI	6059199
							25 m	DOL-0804-W25MNI	6059200

Connecting cables with M12 female connector, PP

Cable material	Temperature resistance	Certifications	Tightening torque	Туре
PP	-40 °C +105 °C, for fixed installation	Ecolab, FDA	1 Nm	Female connector, M12, 4-pin
FF	-25 °C +105 °C, for flexible use	Ecolab, FDA	T IVIII	Female connector, M12, 5-pin

Туре	Figure	Enclo- sure rating	Current carrying capacity	Rated voltage	Head A connection type	Head B connection type	Length of cable	Туре	Part no.
					Female		2 m	DOL-1204-G02MRN	6058291
	W.				connector, M12, 4-pin,		5 m	DOL-1204-G05MRN	6058476
		IP67/ IP69K	4 A	≤ 250 V	straight	Open cable end	10 m	DOL-1204-G10MRN	6058478
				1/BN 2/WH		15 m	DOL-1204-G15MRN	2092884	
				4/BK 5/n.c.		25 m	DOL-1204-G25MRN	6058480	
					Female connector,		2 m	DOL-1204-W02MRN	6058474
Female con-	IP67/			M12, 4-pin, angled	Open cable	5 m	DOL-1204-W05MRN	6058477	
nector, M12,	M12,	IP69K	4 A	≤ 250 V	1/BN 2/WH 0 3/BU 4/BK 5/n.c.	end	10 m	DOL-1204-W10MRN	6058479
4-pin	cood						25 m	DOL-1204-W25MRN	6058481
		IP67/	4 A		Female connector, M12, 4-pin, angled, with LED	Open cable end	2 m	DOL-1204-L02MRN	6058482
							5 m	DOL-1204-L05MRN	6058483
	6	IP69K	4 A	≤ 24 V			10 m	DOL-1204-L10MRN	6058484
	000				4/BK 5/n.c.		25 m	DOL-1204-L25MRN	6058485
					Female connector,		2 m	DOL-1205-G02MRN	6058494
Female con-		IP67/	4.4	< 60.1/	M12, 5-pin, straight	Open cable	5 m	DOL-1205-G05MRN	6058495
nector, M12, 5-pin	C	IP69K	4 A	≤ 60 V	1/BN 2/WH	end	10 m	DOL-1205-G10MRN	6058496
-	GGGG GGGG				4/BK 5/GY		25 m	DOL-1205-G25MRN	6058497

Connecting cables with M12 female connector, PVC

Cable material	Temperature resistance	Certifications	Tightening torque	Туре
PVC	-30 °C +80 °C, for fixed installation	Ecolab, CSA,	0.6 Nm	Female connector, M12, 4-pin
PVC	-5 °C +80 °C, for flexible use	UL	O.O MIII	Female connector, M12, 5-pin

Suitable torque wrench

Figure	Description	Туре	Part no.
1	M12 torque wrench (AF14, 0.6 Nm)	TOOL-TW06M12AF14	5329575

Туре	Figure	Enclo- sure rating	Current carrying capacity	Rated voltage	Head A connection type	Head B connection type	Length of cable	Туре	Part no.
					Female connector,		2 m	DOL-1204-G02MNI	6052613
		IP65/ IP67/	4 A	≤ 250 V	M12, 4-pin, straight	Open cable	5 m	DOL-1204-G05MNI	6052615
Female connector,	**	IP69K	4 A	≤ 250 V	3/BU 5/n.c. 9 4/BK	end	10 m	DOL-1204-G10MNI	6052617
					2/WH 1/BN		25 m	DOL-1204-G25MNI	6052619
M12, 4-pin					Female connector,		2 m	DOL-1204-W02MNI	6052614
	1	IP65/ IP67/ IP69K	4 A	≤ 250 V	M12, 4-pin, angled	Open cable end	5 m	DOL-1204-W05MNI	6052616
					3/BU 5/n.c. 9 4/BK		10 m	DOL-1204-W10MNI	6052618
					2/WH 1/BN		25 m	DOL-1204-W25MNI	6052620
		IP65/			Female connector, M12, 4-pin, angled, with LED 3/BU 5/n.c. 4/BK 2/WH 1/BN	Open cable end	2 m	DOL-1204-L02MNI	6052621
Female con-							5 m	DOL-1204-L05MNI	6052622
nector, M12, 4-pin		IP67/ IP69K	4 A	≤ 250 V			10 m	DOL-1204-L10MNI	6052623
	V						25 m	DOL-1204-L25MNI	6052624
					Female connector,		2 m	DOL-1205-G02MNI	6052625
Female con- nector,		IP65/ IP67/ 4 A IP69K		4 A ≤ 250 V	M12, 5-pin, straight	Open cable end	5 m	DOL-1205-G05MNI	6052626
M12, 5-pin	6		4 A		3/BU 5/GY 0 0 4/BK 2/WH 1/BN		10 m	DOL-1205-G10MNI	6052627
							25 m	DOL-1205-G25MNI	6052628

Connection cables with M12 female and male connector, PP

Cable material	Temperature resistance	Certifications	Tightening torque	Туре
PP	-40 °C +105 °C, for fixed installation -25 °C +105 °C, for flexible use	Ecolab, FDA	1 Nm	Female connector, M12, 4-pin

Туре	Figure	Enclo- sure rating	Current carrying capacity	Rated voltage	Head A connection type	Head B connection type	Length of cable	Туре	Part no.
Female con- nector, M12, 4-pin		IP67/ IP69K	4 A	≤ 250 V	M12, 4-pin, M	Male connector, M12, 4-pin, straight	0.6 m	DSL-1204-B0M6RN	6058501
							2 m	DSL-1204-B02MRN	6058502
	ලකු ලකු වේ. ලකු ලකු ලකු ලකු ලකු ලකු ලකු ලකු ලකු ලකු				3/BU	3/BU 2/WH 1/BN	5 m	DSL-1204-B05MRN	6058503
		IP67/ IP69K	4 A	≤ 250 V	Female connector,	Male connector,	0.6 m	DSL-1204-G0M6RN	6058498
					M12, 4-pin, straight	M12, 4-pin, straight	2 m	DSL-1204-G02MRN	6058499
	ටතු. යප ත්				1/BN 2/WH 0 3/BU 4/BK 5/n.c.	3/BU 2/WH 1/BN	5 m	DSL-1204-G05MRN	6058500

Connection cables with M12 female and male connector, PVC

Cable material	Temperature resistance	Certifications	Tightening torque	Type head A	Type head B
PVC	-30 °C +80 °C, for fixed installation	Ecolab, CSA, UL	O C Non	Female connector, M12, 4-pin, straight	Male connector, M12, 4-pin, straight
	-5 °C +80 °C, for flexible use		0.6 Nm	Female connector, M12, 4-pin, angled	Male connector, M12, 4-pin, straight

Suitable torque wrench

Figure	Description	Туре	Part no.
The state of the s	M12 torque wrench (AF14, 0.6 Nm)	TOOL-TW06M12AF14	5329575

Туре	Figure	Enclo- sure rating	Current carrying capacity	Rated voltage	Head A connection type	Head B connection type	Length of cable	Туре	Part no.
Female con- nector, M12, 4-pin		IP65/ IP67/ IP69K	4 A	≤ 250 V	M12, 4-pin, N straight		0.6 m	DSL-1204-G0M6NI	6052629
							2 m	DSL-1204-G02MNI	6052630
							5 m	DSL-1204-G05MNI	6052631
	66	IP65/ IP67/ 4 A IP69K			Female connector, M12, 4-pin,	Male connector, M12, 4-pin,	0.6 m	DSL-1204-B0M6NI	6052632
			≤ 250 V	angled	straight 1/BN 4/BK	2 m	DSL-1204-B02MNI	6052633	
					2/WH 3/BU	5 m	DSL-1204-B05MNI	6052634	