Illuminating seals, square design Product range overview



Function	Design	Туре	For plug socket	For plug socket with cable	For solenoid coil (valves with solenoid coil)	→ Page/Internet
Illuminating seal		MF-LD	MSSD-F	KMF	For solenoid coil type: F Tiger 2000 Solenoid valves to ISO 5599-1 (VSVA) Solenoid valves to ISO 5599-1 Solenoid coils MSF Tiger Classic Solenoid valves MFHE/pneumatic valves VLHE	3
		MC-LD	MSSD-C	KMC	For solenoid coil type: D, N1 MS-START-UP exhaust valves (on-off valves MS) Solenoid valves to ISO 5599-1 (VSVA) Solenoid valves to ISO 5599-1 Solenoid coils MSN1 Solenoid valves MN1H-MS, brass design	3
		MV-LD-230AC	MSSD-V	KMV	For solenoid coil type: V Tiger 2000	3
		ME-LD-12-24DC	MSSD-E	KME	For solenoid coil type: E Solenoid valves MEH/MEBH, midi pneumatic	3
		MEB-LD	MSSD-EB	KMEB	For solenoid coil type: EB, N2 MS-START-UP exhaust valves (on-off valves MS)	3

Illuminating seals, square design Technical data

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Illuminating seal Illuminating seals are mounted MF-LD between the plug socket and solenoid MC-LD coil. The sealing lip points to the coil MV-LD side, the label to the device socket. ME-LD The seal is illuminated yellow after the MEB-LD power is switched on.



General technical data						
Operating voltage			12 24 V DC	230 V AC		
Operating voltage range [V DC]			12 24	-		
Nominal operating voltage AC [V AC]			-	230±10%		
Protective circuit, max. switch-off voltage		[V DC]	yes, 50	-		
Degree of contamination			-	3		
Switching position display			LED (yellow)	LED (yellow)		
Rated output of illuminating seal		[mW]	50	330		
Impulse withstand voltage	MF-LD	[kV]	-	4		
	MC-LD	[kV]	-	4		
	MV-LD	[kV]	-	2.5		
	MEB-LD	[kV]	-	2.5		
Electrical connection			To EN 175301-803			
Protective earth conductor connection		Yes				
Type of mounting	MF-LD		On solenoid valve via M3 central screw			
	MC-LD		On solenoid valve via M3 central screw			
	MV-LD		On solenoid valve via M3 central screw			
	ME-LD		On solenoid valve via M3 central screw			
	MEB-LD		On solenoid valve via M2.5 central screw			
Housing material			TPE-U (PU)			
Protection class to EN 60529			IP65 (in assembled state)			

Operating and environmental conditions						
Operating voltage	12 24 V DC	230 V AC				
Ambient temperature [°C]	-25 +85	−25 +85				
CE marking	-	In accordance with EU Low Voltage				
(see declaration of conformity)		Directive				

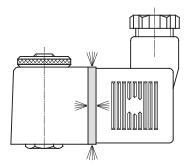
Circuit diagram 12 ... 24 V DC 230 V AC ZD1 LED1 LED1 LED2 LED2

Illuminating seals, square design Technical data

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Installation of the illuminating seal



Note

The original seal must be removed before the illuminating seal is installed.

The sealing surface of the illuminating seal must point towards the plug socket, and the sealing rim towards the solenoid coil.

The illuminating seal is intended to be installed once. Reusing illuminating seals can impair their function.

Ordering data								
Illuminating seal for		Electrical connection to EN 175301-803	Design, square	Product weight [g]	Max. tighten- ing torque [Nm]	Operating voltage [V]	Part No.	Туре
	F solenoid coils	-	MSF	1.6	0.6	12 24 DC	19143	MF-LD-12-24DC
						230 AC	19144	MF-LD-230AC
	D and N1 solenoid	•	Type A, MSC	1.6	0.6	12 24 DC	19145	MC-LD-12-24DC
	coils					230 AC	19146	MC-LD-230AC
	V solenoid coils	•	Type B,	1.6	0.35	12 24 DC	35558	MV-LD-12-24DC
		MISV	INION			230 AC	151716	MV-LD-230AC
	E solenoid coils	-	MSE	0.6	0.35	12 24 DC	19141	ME-LD-12-24DC
	EB solenoid	-	Type C,	0.6	0.5	12 24 DC	151717	MEB-LD-12-24DC
	coils	MS	MSEB			230 AC	151718	MEB-LD-230AC

Product Range and Company Overview

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Festo North America

Festo Regional Contact Center

5300 Explorer Drive Mississauga, Ontario L4W 5G4 Canada

USA Customers:

For ordering assistance,

Call: 1.800.99.FESTO (1.800.993.3786) 1.800.96.FESTO (1.800.963.3786) Email: customer.service@us.festo.com For technical support,

Call: 1.866.GO.FESTO (1.866.463.3786) Fax: 1.800.96.FESTO (1.800.963.3786) Email: product.support@us.festo.com

Canadian Customers:

Call: 1.877.GO.FESTO (1.877.463.3786) Fax: 1.877.FX.FESTO (1.877.393.3786) Email: festo.canada@ca.festo.com

USA Headquarters

Festo Corporation 395 Moreland Road P.O. Box 18023 Hauppauge, NY 11788, USA www.festo.com/us

USA Sales Offices

Appleton

North 922 Tower View Drive, Suite N Greenville, WI 54942, USA

Boston

120 Presidential Way, Suite 330 Woburn, MA 01801, USA

Chicago

1441 East Business Center Drive Mt. Prospect, IL 60056, USA

Dallas

1825 Lakeway Drive, Suite 600 Lewisville, TX 75057, USA

Detroit – Automotive Engineering Center 2601 Cambridge Court, Suite 320 Auburn Hills, MI 48326, USA

New York

395 Moreland Road Hauppauge, NY 11788, USA

Silicon Valley

4935 Southfront Road, Suite F Livermore, CA 94550, USA

United States



USA Headquarters, East: Festo Corp., 395 Moreland Road, Hauppauge, NY 11788 Phone: 1.631.435.0800; Fax: 1.631.435.8026;

Email: info@festo-usa.com www.festo.com/us

Canada



Headquarters: Festo Inc., 5300 Explorer Drive, Mississauga, Ontario L4W 5G4 Phone: 1.905.624.9000; Fax: 1.905.624.9001; Email: festo.canada@ca.festo.com

Mexico



Headquarters: Festo Pneumatic, S.A., Av. Ceylán 3, Col. Tequesquinahuac, 54020 Tlalnepantla, Edo, de México Phone: 011 52 [55] 53 21 66 00; Fax: 011 52 [55] 53 21 66 65; Email: festo.mexico@mx.festo.com www.festo.com/mx

Central USA

Festo Corporation 1441 East Business Center Drive Mt. Prospect, IL 60056, USA Phone: 1.847.759.2600 Fax: 1 847 768 9480



Western USA

Festo Corporation 4935 Southfront Road, Livermore, CA 94550. USA

Phone: 1.925.371.1099 Fax: 1.925.245.1286



Festo Worldwide

Argentina Australia Austria Belarus Belgium Brazil Bulgaria Canada Chile China Colombia Croatia Czech Republic Denmark Estonia Finland France Germany Great Britain Greece Hong Kong Hungary India Indonesia Iran Ireland Israel Italy Japan Latvia Lithuania Malaysia Mexico Netherlands New Zealand Norway Peru Philippines Poland Romania Russia Serbia Singapore Slovakia Slovenia South Africa South Korea Spain Sweden Switzerland Taiwan Thailand Turkey Ukraine United States Venezuela