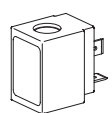
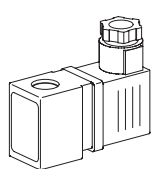
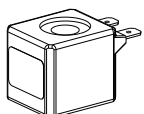
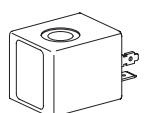
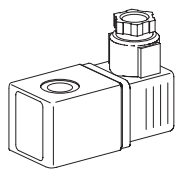


Solenoid Coils

Price group	53	Special voltage: 12 V to 230 V, AC 50 to 60 Hz or DC	Duty cycle: 100 %, when installed on solenoid valve
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Irrespective of the information in the solenoid valve tables a housing temperature of +155 °C may not be exceeded. The value is limited to +120 °C with use of a cable socket. In case of doubt we are pleased to advise you.

Thermal class H

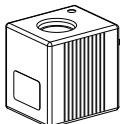
Version	Cable socket	Pro-tection class	Nominal power P ₂₀		Nominal voltage [V]	Operational voltage [V]			Type	Order number	Price
			AC [VA]	DC [W]		AC 50 Hz	AC 60 Hz	DC			
 Solenoid housing E22 (22 mm wide)	without	IP 00	-	approx. 5	12 =	-	-	10.8 - 13.2	E22-012 / = -M0	720015	o. r.
	without	IP 00	-	approx. 8	12 =	-	-	10.8 - 13.2	E22-012 / = -H0	720005	o. r.
	without	IP 00	-	approx. 2.5	12 =	-	-	10.8 - 13.2	E22-012 / = -L0	720065	o. r.
	without	IP 00	-	approx. 5	24 =	-	-	21.6 - 26.4	E22-024 / = -M0	720016	o. r.
	without	IP 00	-	approx. 8	24 =	-	-	21.6 - 26.4	E22-024 / = -H0	720006	o. r.
	without	IP 00	-	approx. 2.5	24 =	-	-	21.6 - 26.4	E22-024 / = -L0	720066	o. r.
	without	IP 00	approx. 5.5	-	24/50	21.6 - 26.4	on req.	-	E22-024/50-M0	720012	o. r.
	without	IP 00	approx. 3.5	-	24/50	21.6 - 26.4	on req.	-	E22-024/50-L0	720062	o. r.
	without	IP 00	approx. 5.5	-	42/50	37.6 - 46.4	on req.	-	E22-042/50-M0	720013	o. r.
	without	IP 00	approx. 5.5	-	110/50	99 - 121	on req.	-	E22-110/50-M0	720014	o. r.
	without	IP 00	approx. 5.5	-	230/50	198 - 244	on req.	-	E22-230/50-M0	720011	o. r.
	without	IP 00	approx. 3.5	-	230/50	198 - 244	on req.	-	E22-230/50-L0	720061	o. r.
 Solenoid housing E22 (22 mm wide)	PG 7	IP 65	-	approx. 5	12 =	-	-	10.8 - 13.2	E22-012 / = -M7	720115	o. r.
	PG 7	IP 65	-	approx. 8	12 =	-	-	10.8 - 13.2	E22-012 / = -H7	720105	o. r.
	PG 7	IP 65	-	approx. 2.5	12 =	-	-	10.8 - 13.2	E22-012 / = -L7	720165	o. r.
	PG 7	IP 65	-	approx. 5	24 =	-	-	21.6 - 26.4	E22-024 / = -M7	720116	o. r.
	PG 7	IP 65	-	approx. 8	24 =	-	-	21.6 - 26.4	E22-024 / = -H7	720106	o. r.
	PG 7	IP 65	-	approx. 2.5	24 =	-	-	21.6 - 26.4	E22-024 / = -L7	720166	o. r.
	PG 7	IP 65	approx. 5.5	-	24/50	21.6 - 26.4	on req.	-	E22-024/50-M7	720112	o. r.
	PG 7	IP 65	approx. 3.5	-	24/50	21.6 - 26.4	on req.	-	E22-024/50-L7	720162	o. r.
	PG 7	IP 65	approx. 5.5	-	42/50	37.6 - 46.4	on req.	-	E22-042/50-M7	720113	o. r.
	PG 7	IP 65	approx. 5.5	-	110/50	99 - 121	on req.	-	E22-110/50-M7	720114	o. r.
	PG 7	IP 65	approx. 5.5	-	230/50	198 - 244	on req.	-	E22-230/50-M7	720111	o. r.
	PG 7	IP 65	approx. 3.5	-	230/50	198 - 244	on req.	-	E22-230/50-L7	720161	o. r.
	PG 9	IP 65	-	approx. 5	12 =	-	-	10.8 - 13.2	E22-012 / = -M9	720215	o. r.
	PG 9	IP 65	-	approx. 8	12 =	-	-	10.8 - 13.2	E22-012 / = -H9	720205	o. r.
	PG 9	IP 65	-	approx. 2.5	12 =	-	-	10.8 - 13.2	E22-012 / = -L9	720265	o. r.
	PG 9	IP 65	-	approx. 5	24 =	-	-	21.6 - 26.4	E22-024 / = -M9	720216	o. r.
	PG 9	IP 65	-	approx. 8	24 =	-	-	21.6 - 26.4	E22-024 / = -H9	720206	o. r.
	PG 9	IP 65	-	approx. 2.5	24 =	-	-	21.6 - 26.4	E22-024 / = -L9	720266	o. r.
PG 9	IP 65	approx. 5.5	-	24/50	21.6 - 26.4	on req.	-	E22-024/50-M9	720212	o. r.	
PG 9	IP 65	approx. 3.5	-	24/50	21.6 - 26.4	on req.	-	E22-024/50-L9	720262	o. r.	
PG 9	IP 65	approx. 5.5	-	42/50	37.6 - 46.4	on req.	-	E22-042/50-M9	720213	o. r.	
PG 9	IP 65	approx. 5.5	-	110/50	99 - 121	on req.	-	E22-110/50-M9	720214	o. r.	
PG 9	IP 65	approx. 5.5	-	230/50	198 - 244	on req.	-	E22-230/50-M9	720211	o. r.	
PG 9	IP 65	approx. 3.5	-	230/50	198 - 244	on req.	-	E22-230/50-L9	720261	o. r.	
 Solenoid housing E28 (28 mm wide)	without	IP 00	-	approx. 6,3	24 =	-	-	21,6 - 26,4	E28-024/=-GZ0	720007	o. r.
 Solenoid housing E30 (30 mm wide)	without	IP 00	-	approx. 8	12 =	-	-	10.8 - 13.2	E30-012/ = -P0	730005	o. r.
	without	IP 00	-	approx. 8	24 =	-	-	21.6 - 26.4	E30-024/ = -P0	730006	o. r.
	without	IP 00	approx. 12	-	24/50	21.6 - 26.4	on req.	-	E30-024/50-P0	730002	o. r.
	without	IP 00	approx. 12	-	42/50	37.6 - 46.4	on req.	-	E30-042/50-P0	730003	o. r.
	without	IP 00	approx. 12	-	110/50	99 - 121	on req.	-	E30-110/50-P0	730004	o. r.
	without	IP 00	approx. 12	-	230/50	198 - 244	on req.	-	E30-230/50-P0	730001	o. r.
 Solenoid housing E30 (30 mm wide)	PG 9	IP 65	-	approx. 8	12 =	198 - 244	-	10.8 - 13.2	E30-012 / = -P9	730105	o. r.
	PG 9	IP 65	-	approx. 8	24 =	198 - 244	-	21.6 - 26.4	E30- 024 / = -P9	730106	o. r.
	PG 9	IP 65	approx. 12	-	24/50	21.6 - 26.4	on req.	-	E30-024/50-P9	730102	o. r.
	PG 9	IP 65	approx. 12	-	42/50	37.6 - 46.4	on req.	-	E30-042/50-P9	730103	o. r.
	PG 9	IP 65	approx. 12	-	110/50	99 - 121	on req.	-	E30-110/50-P9	730104	o. r.
	PG 9	IP 65	approx. 12	-	230/50	198 - 244	on req.	-	E30-230/50-P9	730101	o. r.
	PG 11	IP 65	-	approx. 8	12 =	-	-	10.8 - 13.2	E30-012 / = -P1	730205	o. r.
	PG 11	IP 65	-	approx. 8	24 =	-	-	21.6 - 26.4	E30-024 / = -P1	730206	o. r.
	PG 11	IP 65	approx. 12	-	24/50	21.6 - 26.4	on req.	-	E30-024/50-P1	730202	o. r.
	PG 11	IP 65	approx. 12	-	42/50	37.6 - 46.4	on req.	-	E30-042/50-P1	730203	o. r.
	PG 11	IP 65	approx. 12	-	110/50	99 - 121	on req.	-	E30-110/50-P1	730204	o. r.
	PG 11	IP 65	approx. 12	-	230/50	198 - 244	on req.	-	E30-230/50-P1	730201	o. r.

Solenoid Coils

Price group **53** Special voltage: 12 V to 230 V, AC 50 to 60 Hz or DC Duty cycle: 100 %, when installed on solenoid valve

Irrespective of the information in the solenoid valve tables a housing temperature of +155 °C may not be exceeded. The value is limited to +120 °C with use of a cable socket. In case of doubt we are pleased to advise you.

Thermal class H

Version	Cable socket	Pro-tection class	Nominal power P ₂₀		Nominal voltage [V]	Operational voltage [V]			Type	Order number	Price
			AC [VA]	DC [W]		AC 50 Hz	AC 60 Hz	DC			
 Solenoid housing E45 (45 mm wide)	without	IP 00	-	ca. 16	24 =	-	-	21.6 - 26.4	E45-024/= -DZ0	745000	o. r.
	without	IP 00	-	ca. 16	197 =	-	-	177.3 - 216.7	E45-197/= -DZ0	745002	o. r.